

Author Index to Volume 5

5/ONE Abstracts 1754 through 2145
 5/TWO Abstracts 2146 through 2574
 5/THREE Abstracts 2575 through 2982
 5/FOUR Abstracts 2983 through 3371

- ABRAHAMSON, D. E. - 2235
 ABZUG, B. - 2072, 2583
 ADAMS, R. S. - 1876
 AFANAS'YEVA, V. G. (Ed.) - 2556
 AFZAL, S. A. - 2156
 AGARWAL, A. K. - 2347
 ALBERTSON, P. - 3282
 ALDEN, J. D. - 2800
 ALDRICH, J. L. - 2626
 ALEKSANDROWICZ, J. - 3282
 ALEXANDER, M. - 1876
 ALFVÉN, H. - 2219, 2876
 AMARA, R. C. - 2465
 ANDERSON, C. P. - 2069, 3165
 ANDERSON, E. V. - 1799
 ANDERSON, J. B. - 1844
 ANDERSON, R. - 2491
 ANDERTON, D. A. - 2537
 ANDREWS, R.N.L. - 1886
 ARCHER, L. B. - 2082
 ARMIN-ARSALA, B. - 2742
 ARMY, T. J. - 1876
 ARNFIELD, R. V. - 2306
 ARNOLD, T. R. - 2345
 ASPIN, L. - 1779, 1990
 ATKESON, T. B. - 1894
 ATKINS, H. - 2441
 AUSTIN, J. P. - 2693
 BACON, F. - 2686
 BADDOUR, R. F. - 2233
 BAGGE, C. E. - 2232
 BAHM, A. J. - 2046
 BAILEY, R. - 2957
 BAKER, L. - 1876
 BANERJI, R. - 2187
 BANFIELD, A.W.F. - 1755
 BANNIER, J. H. - 3132
 BARANSON, J. - 1793
 BARFIELD, C. E. - 3126
 BARNETT, D. - 2671
 BARNETT, M. - 3282
 BARRINGER, J. P. - 2630
 BARRONS, K. C. - 1876
 BARTH, R. T. (Ed.) - 2028
 BARTON, R. S. - 2524
 BARUS, C. - 3054
 BASSIR, O. - 1966
 BAUER, P. - 1790
 BAUSUM, H. T. - 2860
 BAYLISS, D. - 2941
 BECKER, H. S. - 2735
 BECKER, R. H. - 2089
 BECKERMAN, W. - 3116
 BEHAN, R. W. - 1864
 BEHRENS, W. W., III - 1861
 BELLMON, H. - 2181
 BEN-DAVID, J. - 2882
 BENEDICT, H. - 2932
 BENITEZ, H. Z. - 2714
 BENN, A. W. - 1781
 BERELSON, B. - 2454
 BERGMANN, E. - 3282
 BERLAND, T. - 2421
 BERLINGUET, L. - 2598
 BERNHARDT, K. L. - 2345
 BERRY, R. S. - 2704
 BERTOLET, A. D. - 3049
 BEVAN, W. - 2486
 BIAGGI, M. - 2396, 2939
 BIAGGINI, B. F. - 2105
 BICKNER, R. E. - 2078, 2761
 BIEBER, A. - 2941
 BIRCH, T. J. - 1825
 BJORKSTEN, J. - 3282
 BLACKBURN, A. J. - 2941
 BLANDFORD, B. A. - 3038
 BLOCK, R. G. - 2793
 BLODGETT, J. E. - 1827, 2427
 BOGGS, J. C. - 1996
 BOHN, H. L. - 2974
 BORGES, E. M. - 1967
 BOSCH, R. van den - 2835
 BOSTROM, K. - 1853
 BOURGAULT, P. L. - 3007
 BOURNE, A. - 3115
 BOWLES, S. - 2630
 BOYD, R. - 3113
 BOYER, E. L. - 2636, 3036
 BOYER, V. S. - 3049
 BRADSHAW, T. T. - 1871
 BRADY, E. L. - 1924
 BRAGDON, C. R. - 1982
 BRAHTZ, J.F.P. (Ed.) - 2857
 BRANKOV, G. - 2999
 BRIGHT, J. R. - 2736
 BRODINE, V. - 1976
 BROOKE, E. W. - 2507
 BROOKS, H. - 2334
 BROOKS, J. - 1926
 BROTZMAN, D. G. - 2722
 BROWN, A. E. - 2788
 BROWN, H. - 2454
 BROWN, L. R. - 3182, 3282
 BROWN, P. G. - 2452
 BROWN, S. - 2671
 BROYHILL, J. T. - 2328
 BRUBAKER, S. - 2275
 BRUNER, K. - 3043
 BUDWORTH, D. - 2954
 BULBAN, E. J. - 2897
 BURCHARD, C. H. - 3112
 BURLATSKY, F. M. - 2814
 BURNET, F. M. - 3287
 BURSON, H. - 2702
 BUSH, G. - 1961, 3293
 BUTLER, G. - 2187
 BUTLER, J. N. - 2350
 BUTLER, M. L. - 2250
 BUTZEL, A. K. - 3150
 CABRERA, J. - 2076
 CAGLIOTI, V. - 3282
 CAHILL, F. B. - 3189
 CALDWELL, L. K. - 3274
 CALHOUN, J. B. - 3282
 CAMERON, A.G.W. - 3282
 CAMPBELL, J. M. - 3320
 CANCRO, R. - 3282
 CAPLAN, B. - 1952
 CARPENTER, R. A. - 1891, 2089
 CARROLL, J. E. - 2562
 CARRUTHERS, J. - 3003
 CARSON, H. L. - 2591
 CASEY, B. - 2051
 CASSIMIR, H.B.C. - 3288
 CASSIN, R. - 3287
 CASSIRER, H. R. - 3282
 CATANESE, A. J. - 3329
 CATHERS, L. D. - 2857
 CELLARIUS, R. A. - 2791
 CHAFFIN, R. L. - 1848
 CHAMPION, H. - 3036
 CHANEY, J. F. - 3036
 CHAPMAN, D. - 3048
 CHAPMAN, R. L. - 3320
 CHARLES, M. E. - 2599
 CHERRY, W. R. - 3095
 CHISHOLM, D. - 3311
 CHRISTENSEN, H. T. - 3282
 CHUDSON, W. - 2926
 CICCORITTI, L. C. - 3295
 CLARK, N. G. - 2616
 CLARK, R. D. - 3210
 CLAWSON, M. - 2857
 CLEARY, E. J. - 2846
 CLEVELAND, F. N. - 3320
 COATES, V. T. - 2921
 COCKRUM, J. - 3039
 COENEN, R. - 2307
 COHEN, A. M. - 3039
 COHN, V. - 2288, 2830
 COLE, E. - 1802
 COLEMAN, H. J. - 2124
 COLLIER, D. W. - 2473
 COLLIER, H. R. - 1985
 COLYER, D. - 1987
 COMMONER, B. - 3053
 CONINE, E. - 2432
 CONNOR, J. T. - 1892
 COOK, E. - 3051
 COOK, L. - 3052
 CORDELL, A. J. - 2880
 CORLISS, W. R. - 1836
 CORTES, J. R. - 3236
 CORTINES, M. G. - 2076
 CORTWRIGHT, E. M. - 2033, 2467
 COTTON, N. - 2389
 COUGHLIN, L. - 1829

- COVAULT, C. 3011
 COWEN, R. C. 1852, 2249, 2501
 CRADDOCK, C. 3188
 CRANSTON, A. 2013
 CROW, J. F. 3150
 CULLITON, B. J. 2413, 2627
 CUNNINGHAM, M. C. 3112
 CURIEN, H. 3132
 CURTIS, C. T. 1804
 CURTIS, H. G. 1830
 DALY, H. E. 1834
 DANHOFF, C. H. 2089
 DAUB, W. O. 2646
 DAVENPORT, W. H. (Ed.) 2877
 DAVIDSON, R. L. 3249
 DAVIES, D. S. 2540
 DAVIS, K. 2454, 2696
 DEAN, G. 2175
 de BEAUCHAMP, R. L. 2980
 de CASTRO, J. 3282
 De KOOL, A. 2397
 DELIN, J. 3346
 DELWICHE, C. C. 2696
 DENNISON, C. 2698
 DENNY, B. C. 1913
 De SIMONE, D. V. 3221
 DETERLINE, W. A. 3039
 DIAL, C. J. 3359
 DIAMANTE, M. R. 2992
 DIAMOND, P. 3150
 DICKEY, J. W. 3112
 DICKSON, D. 2481
 DICKSON, E. M. 2972
 DICKSON, P. 2869
 DINGELL, J. D. 2003, 2131, 2147, 2286
 DINNEEN, G. U. 3052
 DITTON, R. B. 2723
 DJERASSI, C. 2454
 DOMINICK, D. D. 2565
 DONNISON, D. 3275
 DOTY, P. 2322, 3035
 DOUB, W. O. 1831, 1842, 2222, 2727, 3078
 DOW, J. G. 2439
 DOWNS, A. 2697
 DREYMANIS, J. 2630
 DRISCOLL, E. 2508
 DROR, Y. 3282
 DRUCKER, D. C. 2369
 DRURY, C. M. 1779
 DUBOIS, J. E. 1925
 DUBOS, R. 2698
 DUNN, D. A. 2183
 DYCK, R. G. 3112
 EBAN, A. 2712
 EBBIN, S. 2099
 ECKHARDT, B. 1824
 EDDLEMAN, L. E. 1864
 EDGE, S. 2345
 EHRICKE, K. A. 2895
 EHRLICH, A. H. 2451
 EHRLICH, P. R. 2451
 EISENHOWER, M. 2011
 EKLUND, N. 3036
 EKLUND, S. 2814
 EL-HAMAMSY, L. S. 2454
 ELLENDER, A. J. 2404
 ELLIS, R. H., JR. 2023
 ELSON, B. M. 2179
 ENZER, S. 2305
 EPSTEIN, S. S. 3150
 ERAJ, Y. A. 3282
 ESCANDE, L. 3282
 ESCH, M. L. 2509, 3156
 ESPOSITO, B. J. 1782
 ESSER, A. H. 3112
 ETZIONI, A. 2041
 EVANS, W. G. 2955
 EVINS, J. L. 1993, 2218, 2660
 FALK, C. E. 2798, 3211
 FALLWELL, W. F. 1923
 FALTERMAYER, E. 2640
 FANNING, O. 2803
 FARAGO, P. 2781
 FARVAR, M. T. 3021
 FAWCETT, J. E. S. 2184
 FEARE, T. E. 1838
 FEDOROV, E. K. 1863
 FELD, J. 3282
 FELLNER, W. J. 3030
 FINDEIS, A. F. 2783
 FINDLEY, P. 3361
 FINEBERG, R. A. 2395, 3224
 FINGER, H. B. 2345
 FINK, D. E. 2055, 2074
 FISHER, P. 2886
 FISHLOCK, D. (Ed.) 2540
 FITZPATRICK, R. J. 3049
 FLINT, E. P. 2137, 3363
 FLOOD, D. J. 1974
 FLOWERS, B. 2482, 3342
 FOLEY, Q. 1849
 FOLGER, J. 3036
 FORD, D. F. 2667
 FORMAN, S. A. 1776
 FOSTER, W. C. 2814
 FOX, B. 1802
 FRANK, P. A. 1876
 FRANKEL, M. S. 2327
 FRASER, D. 2015
 FREEDMAN, S. I. 3050
 FREEMAN, A. M., III 2838, 2841
 FRIBORG, G. 3132
 FRY, F. H. 2790
 FRY, T. 2686
 FULBRIGHT, J. W. 2070
 FULLER, J. K. 2029
 FUNKE, G. W. 3132
 FUSFELD, H. I. 2786
 GABOR, D. 2484
 GAGE, S. J. 2644, 3128
 GALLAGHER, C. F. 2454
 GALSTON, A. W. 1784, 2177
 GANDHI, I. 2708
 GARDNER, R. N. 3282
 GASSMANN, H. P. 1786
 GASTON, J. 3203
 GAUCHER, L. P. 2681
 GEE, R. E. 2365
 GENDLIN, F. 2706
 GERSHINOWITZ, H. 2490
 GERSTACKER, C. A. 1991
 GIBBONS, M. 2123, 2955, 3007
 GIBRAT, H. 2698
 GILFILLAN, S. C. 2453
 GILLETTE, R. 1841, 1879, 2133, 2246, 2663, 2664, 2665, 2666, 2289, 2292, 3085, 3299
 GILLULY, R. H. 1870, 2418, 2531
 GINZBERG, E. 1945
 GLENNY, L. A. 3036
 GLIDE, L. C. 1876
 GLINES, C. V. 2052
 GLOVER, C. 2127
 GLOVER, J. R. 3233
 GODDARD, M. K. 1872
 GOFMAN, J. W. 2674
 GOITEIN, H. 3282
 GOLDAK, J. 1777
 GOLDMAN, J. E. 2749
 GOLDMAN, M. I. 2969
 GOLDMARK, P. C. 2548, 2603, 2604
 GOLDSMITH, M. 2122, 2698
 GOLDSTINE, H. H. 3282
 GONZALES, R. J. 3053
 GOODALE, T. I. 2723
 GOODLING, G. A. 1872
 GORAN, M. 2315
 GORDON, G. N. 1938, 3039
 GORDON, T. J. 2735
 GOULD, C. L. 2034
 GOULD, H. A. 2064
 GOURE, L. 3356
 GRAVEL, M. 1963, 2244, 2245, 2259, 3082
 GRAYSON, L. P. 1814
 GREGORY, W. H. 1803, 3300
 GREEN, H. P. 2089, 2725, 3150
 GREEN, L., JR. 2089
 GREENBERG, D. 1772
 GRILICHES, Z. 3030
 GRINSTEAD, R. 2566
 GROEGER, T. 2913
 GROSS, H. R. 1951
 GROVE, J. W. 2173
 GUDE, G. 2281
 GURVICH, F. G. 2550
 GVISHIANI, D. M. 2964
 GWYNNE, P. 2896, 3331
 HA, V. 3244
 HAAGEN-SMIT, A. J. 1876
 HABERER, J. 3285
 HACKES, P. 2036
 HAGG, F. G. 3041
 HALPERN, S. 1856, 1859, 2198
 HAMILTON, L. D. 1999
 HAMILTON, W. W. 2442
 HAMMER, J. G. 2857
 HAMMOND, A. L. 2211, 2243, 2657, 2684, 2685, 3044, 3047, 3076, 3096, 3097
 HAMMOND, R. P. 1845
 HANDLER, P. 2775, 3321
 HANLON, J. 2107
 HANNA, R. T. 1947
 HANNAH, J. A. 2212
 HANSEN, A. G. 2477
 HANSEN, C. P. 2216
 HANSEN, O. 1830
 HARDESTY, C. H., JR. 2655
 HARDIN, G. 2696
 HARKNESS, S. P. 3112
 HARR, K. G., JR. 1800, 2194
 HARTKE, V. 2721
 HARVEY, D. L. 3295
 HARVEY, M. L. 3295
 HAUNSCHILD, H. H. 3132
 HAVEMAN, R. H. 2841
 HAWKES, N. 1780, 1880, 2882, 3307
 HAWTHORNE, E. P. 2522
 HECK, W. W. 1876
 HEDÉN, C. G. 3282
 HEGGESTAD, H. E. 1876
 HEIN, G. E. 3039
 HEISEL, D. F. 2454

- HELLER, W. W. - 3053
 HELLMAN, L. M. - 2010
 HERBICH, J. B. - 2408
 HERONEMUS, W. E. - 1847
 HERSHEY, C. - 2630
 HERZBERG, G. - 2596
 HEYWOOD, J. - 1817
 HIDAKA, K. - 3197
 HIERONYMUS, W. S. - 2174
 HILES, D. A. - 1817
 HILL, G. - 2429
 HILLMAN, R. E. - 1825, 3055
 HIPPEL, F. von - 2874
 HIRSCHHORN, K. - 3282
 HOAGLAND, H. - 3282
 HOARE, M. R. - 2573
 HOBSON, J. - 2878
 HODGKIN, A. - 3353
 HODGKINSON, H. L. - 3036
 HOGAN, C. L. - 2039
 HOLDEN, C. - 2592, 2843, 2851
 HOLIFIELD, C. - 2650
 HOLLINGS, E. F. - 2168, 3124
 HOLLOMAN, J. H. - 2335, 2762
 HOLMFELD, J. D. - 1769, 2747
 HOLZMANN, R. T. - 1939
 HORGAN, J. D. - 3281
 HORN, S. - 2630
 HORTIG, F. J. - 2857
 HOSMER, C. - 2247, 2257
 HOTCHKISS, R. D. - 2696
 HOTTEL, H. C. - 1832, 3092
 HOTZ, R. - 2085
 HOWARD, J. B. - 2978, 3092
 HOWATH, J. C. - 1848
 HUDDLE, F. P. - 2089, 2092
 HUDOCK, R. P. - 2529, 2683, 2890, 2899
 HUGHES, H. E. - 2478
 HUMPHREY, H. H. - 1912, 2818
 HUNTLEY, J. R. - 3184
 HUTCHINGS, E. J. - 2454
 HUTCHISON, B. G. - 2941
 IBE, L. D. - 3239
 IKARD, F. N. - 2645
 INGERSOLL, R. S. - 1935
 INGRAM, F. L. - 2254
 IRWIN, J. N., II - 2217
 JACOBSEN, S. - 2444, 2705
 JASTROW, R. - 2059, 2507
 JESSUP, P. C. - 3282
 JEVONS, F. R. - 2955
 JEWKS, J. - 3340
 JODRA, L. G. - 2076
 JOHNSEN, K. - 1850, 2057, 2180, 3247
 JOHNSON, H. G. - 1796
 JOHNSON, H. W. - 1897
 JOHNSON, J. D. - 3032
 JOHNSON, W. - 3256
 JOHNSTON, B. F. - 2454
 JOHNSTON, R. D. - 2123
 JONES, C. C. - 3112
 JONES, G. - 1792
 JONES, M. V. - 2090
 JONES, P.M.S. - 1797
 JONES, R. - 1801
 JORDAN, B. E. - 2091, 2919
 JUKES, T. H. - 3248
 JULIEN, M. - 3244
 KAIBEL, E. - 2076
 KALUDIS, G. - 3036
 KANE, J. - 3112
 KAPLAN, A. H. - 2089
 KAPSTEIN, F. F. - 3039
 KARBER, P. A. - 1962
 KARK, W. R. - 3112
 KASPER, R. G. (Ed.) - 2089
 KATSUNUMA, H. - 3194
 KATZ, M. - 3150
 KAURNEN, P. - 3145
 KAYSER, C. - 2479
 KEARNEY, P. C. - 1876
 KELDYSH, M. V. - 2549
 KELLER, J. E. - 3036
 KEMPER, W. D. - 1876
 KENAHAN, C. B. - 2137, 3363
 KENDALL, H. W. - 2667
 KENNEDY, E. M. - 2630
 KENNEDY, J. J. - 3112
 KENNEDY, T. J., JR. - 1765
 KENWARD, M. - 2258, 2958, 2960, 3179
 KERN, P. - 3043
 KETCHUM, G. M. - 3041
 KEYNAN, A. - 2780
 KEYNES, R. D. - 2116
 KHOL, R. - 2622, 3148
 KIDD, C. V. - 2089
 KIEFER, D. M. - 2093, 2487
 KING, F. M. - 1998
 KIRBY, E. S. - 2130
 KISTIAKOWSKY, G. B. - 2881
 KLASS, P. J. - 2178, 2813, 3013, 3138
 KLEIBER, M. C. - 2108
 KLEIN, J. V. N. - 3233
 KLIKOFF, L. - 2696
 KNELMAN, F. H. - 2423
 KOHLER, F. D. - 3295, 3356
 KOLCUM, E. H. - 2358
 KOMOSKI, P. K. - 3039
 KORFF, S. A. - 3282
 KORMONDY, E. J. - 2626
 KORNBERG, H. L. - 3132
 KRANZBERG, M. (Ed.) - 2877, 2883
 KRAUCH, H. - 2018
 KRONBERGER, H. - 2540, 2671
 KUEFER, D. M. - 2081
 KURLAND, N. D. - 3039
 KYGER, J. A. - 2524
 LA BREQUE, M. - 2048
 LA FOLLETTE, D. - 2291
 LAGNESE, J. F., JR. - 2447
 LAMBRIGHT, W. H. - 2585
 LAMONT, L. M. - 2618
 LAMONT-HAVERS, R. W. - 1765
 LANGHORST, L. - 3112
 LANGRISH, J. - 2118, 2955
 LAPP, R. E. - 1843
 LARSON, C. E. - 2223
 LASCH, C. - 2485
 LASENBERG, G. L. - 3204
 LASWELL, H. D. - 3282
 LAVER, L. B. - 3150
 LAVOIE, F. J. - 3283
 LAWSON, H. G. - 2230
 LAYTON, E. T., JR. - 1948
 LECHT, L. A. - 3258
 LEGATOR, M. S. - 3150
 LEIGH, G. J. - 2117
 LEIGHTON, L. G. - 2553
 LEPKOWSKI, W. - 2905
 LESACA, R. M. - 2410, 3238
 LESHER, R. L. - 3362
 LESSING, L. - 2066, 2517, 3101
 LEVI, D. R. - 1987
 LEVI, E. H. - 2630
 LEVIN, A. A. - 1825
 LEVIN, N. - 3026
 LEWICKIE, C. - 2417, 3254
 LEWIS, A. - 1868
 LEWIS, H. J. - 2323, 2755, 2776, 3161, 3172
 LEWIS, J. D. (Ed.) - 2547
 LEWIS, L. - 2547
 LEWIS, R. S. - 3081, 3088
 LIBBY, W. F. - 3282
 LICHTENBERG, A. J. - 2638
 LIESHOUT, R. van - 3132
 LINCOLN, R. - 2450
 LIND, R. C. - 3150
 LINNA, M. - 3145
 LINVILLE, B. - 3091
 LIPPERT, T. W. - 3075
 LITHWICK, N. H. - 2170
 LITVAK, I. A. - 3006
 LIVINGSTON, D. - 3286
 LOFTAS, T. - 2543
 LOGSDON, J. M. - 3157
 LORD, J. - 2630
 LOUGHARY, J. W. - 3039
 LOVELL, G. C. - 1951
 LOWE, J. H., JR. - 1864
 LOWE, W. W. - 2040
 LUBKIN, G. B. - 3010
 LUCAS, R. C. - 1864
 LUNIN, J. - 1876
 LYNCH, J. J. - 3282
 LYONS, R. D. - 2777, 3159
 Mac CUTCHEON, E. M. - 2857
 Mac DONALD, G. T. - 3053
 MACDONALD, J. R. - 2785
 MACKAY, A. - 2698
 MACKAY, D. - 2599
 MADDOX, B. - 2497
 MADDOX, J. - 2276, 2424, 2789
 MAGNUSON, W. G. - 2067
 MAGRUDER, W. M. - 1802, 2753, 3174
 MAKHJIANI, A. B. - 2638
 MALIN, M. - 2417, 2802
 MALLEY, D. I. - 2406
 MANHEIMER, B. - 1916
 MANNING, M. L. - 2253
 MANSFIELD, E. - 2193, 2917, 3030
 MARKHAM, SISTER M. C. - 2305
 MARSH, R. T. - 3223
 MARSHALL, W. - 2540
 MARSTRAND, P. - 3335
 MARTIN, J., JR. - 2394
 MARTIN, W. P. - 1876
 MARTINO, J. P. - 2516, 2737, 3147
 MASON, E. S. - 3053
 MASON, R. H. - 2924
 MASON, R. O. - 2050
 MAUGH, T. H., II - 3098, 3100
 MAULE, C. J. - 3006
 MAYBURY, R. H. - 2387
 MAYER, J. - 2161
 MAYO, L. H. - 2089
 McABEE, M. K. - 2364
 McCAULL, J. - 2035
 McCLOREY, R. - 1950
 McCLURE, J. A. - 1820
 McCORMACK, M. - 1802
 McCOY, C. B. - 3266
 McDONALD, J. - 2605
 McDUGAL, M. S. - 3282
 McELHENY, V. K. - 2047, 2829

- McEVOY, J. 2754
 MCGILL, W. J. - 2630
 McHALE, J. - 3282
 McKINNEY, R. E. - 1986
 McKNIGHT, A. - 1846
 McLEAN, J. G. - 1818, 3067
 McLIN, J. - 2267
 McNAMARA, R. S. - 2709
 McNULTY, I. B. - 2696
 MEAD, M. - 2711, 3282
 MEADOWS, D. H. - 1861
 MEADOWS, D. L. - 1861
 MELVILLE, H. - 2698
 MENCHER, A. - 3202
 MESSINGER, W. C. - 2847
 MESTHENE, E. G. - 2463
 METZ, D. - 1943
 METZ, W. D. - 2689
 MEYERSON, M. - 3320
 MIDDLEBROOKS, E. J. - 2806
 MILLARD, R. - 3036
 MILLER, D. C. - 3039
 MILLER, G. P. - 2763
 MILLER, J. - 2357
 MILLER, S. - 1975, 2802, 3254
 MILTON, J. P. - 3021
 MINES, S. - 1869
 MIRSKY, E. M. - 2967
 MOCK, J. E. - 3320
 MOFFAT, R. E. (Preparer) - 2399, 2400
 MONDALE, W. F. - 2026, 2158
 MOORE, N. W. - 2696
 MOORE, W. E. (Ed.) - 2871
 MORAVCSIK, M. J. - 2615
 MORDY, W. A. - 1864
 MORGAN, R. P. - 2601
 MORRISON, J. A. - 3261
 MORSE, F. H. - 3095
 MORSE, E. R. - 2037
 MORTIMER, R. C. - 2671
 MORTON, M. - 1971
 MOSES, L. E. - 2805
 MOSLEY, P. - 2051
 MOSS, F. E. - 1833, 2229, 2564, 2641
 MOSS, N. H. - 3282
 MOTTUR, E. R. - 2089
 MOTZ, L. - 3282
 MOUNT, T. - 3048
 MUDD, E. H. - 3282
 MUELLER, G. E. - 2900
 MULLER, K. - 2610
 MUMFORD, L. - 3327
 MUNTZING, L. M. - 2251, 2659
 MURAMATSU, M. - 2454
 MURPHY, C. H. - 1785
 MURPHY, G. - 3282
 MURPHY, T. P. - 1907
 MUSKIE, E. S. - 2280
 MUSTAFA, H. - 2455
 MYERS, H. R. - 1958
 MYRDAL, A. - 2814
 NAKASONE, Y. - 3191
 NASH, N. - 2696
 NATTA, G. - 3287
 NAUDE, S. M. - 2049
 NAVASCUES, J.M.O. et al. - 2076
 NEILD, R. - 1957
 NEJEDLY, R. - 2610
 NELSON, L. B. - 1876
 NEPHEW, E. A. - 1934
 NEWELL, H. E. - 2059, 2507
 NICHOLS, R. - 3218
 NIESSEN, W. R. - 2558
 NIMLOS, T. J. - 1864
 NIXON, R. M. - 2068
 NOBBS, C. - 2269
 NOONE, J. A. - 3232
 OCHI, Y. - 3192
 ODHIAMBO, T. R. - 1788
 OISHI, B. - 2713
 O'LONE, R. G. - 2172, 2197, 2385
 OLSON, L., JR. - 3112
 O'LEARY, B. - 2071
 ORILLO, F. T. - 3234
 ORLANS, H. - 2471
 ORLEANS, L. A. - 2600
 ORSKI, C. K. - 3143
 OTTINGER, R. - 2878
 OWEN, D. - 2301
 OZAWA, T. - 2923
 OZBEKHAM, H. - 2698
 PACKWOOD, B. - 1837, 1874, 2009, 2449
 PAGE, J. C. - 2872
 PAPIC, H.E.A. - 2698
 PARKER, E. B. - 2183
 PARRY, R. T. - 1947
 PASCHKIS, V. - 3046
 PASCUAL, F. - 2076
 PATRICK, R. - 2696
 PATTERSON, W. - 2668
 PAVITT, K. - 2464, 2730
 PEARSON, E. A. - 2857
 PEARSON, K. G. - 2346
 PECORA, W. T. - 1993
 FEDERA, D. - 2577
 PELL, T. M. - 1875
 PENGELLY, W. L. - 1864
 PERRIN, F. - 3282
 PERUTZ, M. F. - 2115
 PESTEL, E. - 3132
 PICKLE, J. J. - 2827
 PIERRE, A. J. - 2541
 PIKARSKY, M. - 2103
 PILCHER, P. C. - 2208
 PITTMAN, F. K. - 3368
 PLACE, J.B.M. - 3034
 PLATT, J. - 2791
 PLIMMER, J. R. - 1876
 POATS, R. - 3020
 POLANYI, J. - 2317
 POLINGER, M. - 1909
 POLLACK, H. - 2584
 PORTER, R. W. - 3282
 POUT, H. W. - 2540
 PREGEL, B. - 3282
 PREISER, W.F.E. - 3112
 PRENTICE, R. - 1791
 PRICE, B. T. - 2540
 PRICE, D. de S. - 2027, 3213, 3282
 PRICE, F. C. - 3249
 PRIMACK, J. - 2475, 2874
 PROKOFIEFF, V. - 3356
 PRYDE, P. R. - 3358
 PUNCHARD, J.C.R. - 3005
 PURRETT, L. A. - 2153, 2579
 QUARLES, J. R., JR. - 2226, 2647, 3255
 RABINOWITZ, E. - 2043, 2875
 RADNOR, M. - 1937
 RAINES, G. E. - 1825
 RAMEY, J. T. - 2252, 3083, 3086, 3087
 RAMO, S. - 3208
 RANDERS, J. - 1861
 RANDOLPH, J. - 2228, 2238
 RAPAPORT, J. - 2917
 RAPER, T. R. - 3112
 RAPAPORT, A. - 3112
 RARICK, J. R. - 1896
 RAY, D. L. - 3077
 REAGAN, J. T. - 3112
 REED, L. - 2961
 REIDEL, C. H. - 3040
 REIFF, G. A. - 2532
 RESNICK, H.L.P. - 3150
 REVELLE, R. - 2454
 RICCI, L. - 3112
 RICE, R. A. - 2113
 RICH, S. - 1876
 RINTALA, M. - 2630
 RITCHIE-CALDER, L. - 2671
 RITCHINGS, F. A. - 2652
 RITTERBUSH, P. C. (Ed.) - 2630
 RITZ, P. M. - 2945
 ROBACH, H. - 3150
 ROBERTSON, R. N. - 2588
 ROBINS, J. S. - 1876
 ROBINSON, C. A., JR. - 1820, 3333
 ROBINSON, D. Z. - 2672
 ROCKEFELLER, J. D., III - 2009
 ROCKWELL, W. F., JR. - 1984
 RONCALIO, T. - 2944
 ROSENHEAD, J. - 2539, 2698
 ROSENSTEIN, A. B. - 2630
 ROSENTHAL, R. A. - 3039
 ROSFELD, A. E. - 2345
 ROSS, S. - 3249
 ROTHERMEL, T. W. - 2437
 ROTHMAN, H. - 2920
 ROTHSCHILD, LORD - 3265
 ROY, R. - 3209
 RUBENSTEIN, A. H. (Ed.) - 2028
 RUCKELSHAUS, W. D. - 1773, 2135, 2272, 2273, 2836, 2844
 RUINA, J. P. - 1957
 RUKLEYER, W. S. - 2005
 RYDER, W. D. - 1787
 SABATO, J. - 1789
 SAGAN, L. A. - 2669
 SALANCIK, G. R. - 3149
 SALCEDO, J., JR. - 2828, 3237
 SALK, J. - 3282
 SALOMON, J. - 2751
 SANDBO, A. - 3132
 SANDERS, H. J. - 2019, 2200
 SANDERS, I. G. - 2454
 SANTILIAN, F. L. - 2411, 3235
 SARABHAI, V. - 2772
 SAWYER, R. F. - 2416, 3242
 SAXBL, W. B. - 1828
 SCHACHTER, O. - 2719
 SCHAEFER, M. B. - 2857
 SCHAEFER, V. J. - 2528
 SCHAEFER, W. - 2630
 SCHATZ, G. S. - 1877
 SCHILLINGER, A. G. - 2080
 SCHLESINGER, J. R. - 2221, 2236, 2239, 2816, 3060, 3080
 SCHLESINGER, W. H. - 2724
 SCHNEE, J. - 2917
 SCHNEIDWIND, N. F. - 2857
 SCHOTT, F. H. - 3033
 SCHROEDER, D. - 3290
 SCHULTZ, T. W. - 2476
 SCHULTZ, V. - 2440
 SCHULTZE, C. L. - 2746
 SCHURR, S. H. - 3053
 SCHWEINFURTH, S. P. - 3061
 SCHWENGEL, F. - 2446
 SCOTT, D. R. - 1904

- SCOTT, H. - 1959
 SCRIBNER, P. H. 2630
 SEABORG, G. T. 1836, 2873, 3053, 3282
 SEBASTIAN, F. P., JR. 2849
 SEGAL, G. 2300, 2965
 SEIBERLING, J. F. 2196
 SEITZ, F. - 2044
 SERTIN, J. - 1888
 SERWER, D. 2266
 SESHACHAR, B. R. 2770
 SHABAD, T. 2131
 SHAFFER, J. H. 3332
 SHANNON, R. E. 1864
 SHAPERO, A. 2382
 SHAPLEY, D. - 1940, 1955, 1995, 2587, 2757, 2815, 2022, 2084, 2096, 3170, 3264, 3291
 SHAW, W. C. - 1876
 SHEPHERD, L. R. 2303
 SHERFIELD, L. (Ed.) 2671
 SHERMAN, J. F. 1765
 SHERWOOD, M. 2733
 SHIMA, H. 3195
 SHONFIELD, A. 2953
 SIDDIQI, T. A. - 3274
 SIEGHART, P. 2879
 SIEMANN, C. A. - 3039
 SILVERMAN, R. E. - 3039
 SIMPSON, R. O. - 2337, 3314
 SIMUTIS, L. J. 3112
 SINCLAIR, G. 1778
 SINGER, E. - 1784
 SINGH, J. P. 2601
 SINGLETON, E. L. 2980
 SIU, R. G. H. 2367
 SKOLNIKOFF, E. B. 2474
 SKOLIMOWSKI, H. 2031
 SKUBITZ, J. 2000
 SLACK, C. W. 3039
 SLONIM, G. M. 2629
 SLOTKIN, A. L. 2499
 SMITH, A. - 2502, 2962
 SMITH, B. - 1960
 SMITH, P. 2304
 SMOKLIN, W. R. 2345
 SNIDER, R. G. - 2806
 SOLA POOL, I. de 2613
 SOLOMON, J. 2048, 2977
 SPEISER, A. P. 2079
 SPENCE, R. 2671
 SPENCER, J. D. 3091
 SPERLING, J. 3204
 SPILHAUS, A. 2032
 SPORN, P. 2369, 3053, 3074
 SPURGEON, D. - 3025
 STARR, C. - 3150
 STEELE, R. H. - 2946
 STEGER, W. 2941
 STEISS, A. W. - 3112
 STERLING, C. - 1858, 1874, 2139
 STERNLIGHT, D. 2857
 STEVENS, T. - 2576, 2578
 STEVENSON, J. R. 2401
 STEVER, H. G. - 2366
 STEWART, C. T., JR. 3030
 STOBACH, R. B. - 2925
 STONE, R. - 2839
 STONIER, T. - 2261
 STRANDBERG, C. - 2445
 STRICKLAND, Z. - 2054, 2058, 2073, 2496, 2887, 2892, 2901
 SUBRAHMANYAM, K. - 2814
 SULLIVAN, F. E., JR. - 2724
 SULLIVAN, T. A. - 2980
 SUMMER, J. A. - 1936
 SURREY, A. J. - 3352
 SUTHERLAND, G. - 2119
 SWARTMAN, R. K. - 3244
 SWEENEY, K. - 3036
 SWEETZ, A. R. - 2454
 SWIFT, J. - 1867
 SYMINGTON, J. W. - 1882
 SZEGO, G. C. - 2639
 SZENT-GYORGYI, A. 3287
 TAL, E. - 1929
 TALBERT, A. E. - 2535
 TAMARIN, J. S. - 3150
 TAVISS, I. - 2308
 TAYLOR, S. F. - 2104
 TEAL, G. K. - 2080
 THANT, U. - 2814
 THEISEN, S. P. 2852
 THEOBALD, P. K. - 3061
 THOMPSON, G. B. 2185
 THOMSEN, D. E. - 2687
 THORPE, B. E. - 3328
 THURMOND, S. - 2936
 TIERNAN, R. O. - 2249
 TILL, J. E. - 2171
 TINBERGEN, J. 3282, 3287
 TINKER, J. - 2126, 2718, 3349
 TORDA, T. P. - 3042
 TRAIN, R. E. - 2710
 TRAMMELL, E. G., JR. (Preparer) - 2399, 2400
 TREXLER, J. C. - 3038
 TRIBUS, M. - 2369
 TROMP, S. W. - 3282
 TSU, R. - 3009
 TSUTSUI, M. - 3282
 TUNNEY, J. V. 2834
 TURK, A. - 1865, 3114
 TURK, J. - 1865, 3114
 TYDINGS, J. D. 2011
 TYLER, R. W. - 3282
 TYRELL, T. 3048
 TYSON, R. C. - 3293
 UBBELOHDE, A. R. 2121
 UCHIDA, H. 1802
 UDALL, M. K. 1851
 VALENTINE, B. 2494
 VALERY, N. 2125, 3272
 VANCE, L. L., JR. 2108
 VENTURI, D. 3112
 VERGUESE, D. 3141
 VETTER, B. M. 2799
 VICKERS, G. 2698, 2868
 VINIKOUR, A. D. 2100
 von FOERSTER, H. 3282
 WADE, N. 3027, 3028, 3348
 WADE, R. 2431
 WADLEIGH, C. H. 1876
 WAGNER, S. 2917
 WAKELIN, J. H., JR. 2195
 WALDIE, J. 2434
 WALKER, E. A. 2870
 WALKER, P. - 3348
 WALLICH, H. C. 3250
 WALSH, J. 1956, 2020, 2210, 2314, 2368, 2902, 2903, 2904, 3119, 3123
 WAMBACH, R. F. 1864
 WARE, W. H. 2024
 WARNE, W. E. 3320
 WARNER, J. R. 3112
 WASHBURN, C. A. 2648
 WEATHERSBY, G. B. - 3036
 WEBBER, M. - 2941
 WEBER, E. - 2080
 WEDDLE, R. M. (Ed.) - 1864
 WEEKS, K. 3043
 WEI, J. - 2225
 WEICKER, L. P., JR. 2942
 WEINBERG, A. M. - 1839, 1845, 2472, 2489, 2670
 WEINSTEIN, L. H. 1876
 WEINTRAUB, S. - 3152
 WEISS, E. 2089
 WEISSKOPF, V. F. 2488
 WENK, E., JR. - 3231
 WERNER, J. 3168
 WESTMAN, W. E. - 2405, 3253
 WHICKER, F. W. 2440
 WHITE, B. 3241
 WHITE, G. F. - 3150
 WHITE, S. 2128
 WHITNEY, D. J. 3244
 WHIGGINS, J. H., JR. 3150
 WIGNER, E. P. 3287
 WILKES, H. G. 2984
 WILLIAMS, C. W., JR. 2699
 WILLIAMS, D. 2630
 WILLIAMS, L. O. 1826
 WILLIAMS, R. - 2952
 WILLIAMS, W. H. 3039
 WILLIAMSON, D. T. N. 2540
 WILLIAMSON, S. J. 1977
 WILSON, A. G. 2941
 WILSON, J. E. 2064
 WILSON, R. 2237
 WILSON, R. C. 2602
 WINSTON, D. C. 2086, 2095, 2132, 2392, 2393, 3297
 WITTES, J. T. 1865, 3114
 WOJCIECHOWSKI, M. 2173
 WOLFE, D. 2632
 WOOD, G. 1922
 WOODROW, R. J. 2332
 WORTZEL, L. H. 2927
 WU, L. N. 2740
 WULFF, G. 3240
 WULLSTEIN, L. H. 2696
 YAFFEE, M. L. 3063
 YARDLEY, J. F. 3302
 YEARWOOD, R. M. 3112
 YUDELMAN, M. 2187
 ZABLOCKI, C. J. 2014
 ZAJAC, E. E. 3039
 ZERKEL, F. H. 1910
 ZINBERG, D. 3035
 ZUCKERMAN, S. 2949
 ZWACH, J. M. 2262

Subject Index to Volume 5

5/ONE	Abstracts 1754 through 2145
5/TWO	Abstracts 2146 through 2574
5/THREE	Abstracts 2575 through 2982
5/FOUR	Abstracts 2983 through 3371

AFRICA

- Education - 3292
- Energy consumption - 3053
- International Centre of Insect Physiology and Ecology (ICIPE) - 1954
- Natural resources - 2983
- Population - 2454
- Research institutions - 1754, 2575
- Scientific/technical potential - 1754, 2575

AGENCY FOR INTERNATIONAL

DEVELOPMENT - 2101, 2212, 2454

AGRICULTURAL SCIENCES

- Ecosystems - 1864, 1865, 1876
- Fertilizer as a pollutant - 2275
- Food supply - 1788, 1864, 1865, 2015, 2984
- In developing countries - 2187, 3292
- Research and development - 2116, 3234
- Soil erosion - 2275
- Soil quality - 1876

AID (see AGENCY FOR INTERNATIONAL DEVELOPMENT)

AIR POLLUTION

- Aircraft engine emissions - 2987, 3242, 3333, 3334
- Bibliography - 1854, 2275, 2416, 2831, 2860
- Control legislation and enforcement - 1865, 1885, 1975, 1976, 1977, 1979, 1990, 2417, 2418, 2419, 2420, 2425, 2433, 2436, 2726, 2746, 2829, 2830, 2858, 3249
- Cooperation with Spain - 2077
- Costs - 1819, 1885, 2275, 2425, 3249
- Economic incentives for control - 1990, 2746, 3249
- Industrial controls - 1975, 1976, 1977, 2425, 2746, 3185, 3242, 3249
- Information center - 1980
- Motor vehicle emissions - 1976, 1979, 1992, 2417, 2418, 2419, 2425, 2436, 2676, 2746, 2829, 2830, 2844, 2858, 3053, 3185, 3242
- Problems and status - 1819, 1822, 1865, 1876, 1885, 1973, 1975, 1976, 1977, 1994, 1997, 2015, 2126, 2188, 2275, 2293, 2416, 2418, 2419, 2425, 2433, 2436, 2451, 2485, 2676, 2746, 2858, 3053, 3107, 3242, 3244, 3249
- Publications and films - 1980, 2831
- R&D programs - 1882, 1893, 1978, 1979, 1980, 2415, 2416, 2417, 2418, 2425
- State and local activities - 1885, 1975, 1976, 1977, 2419, 2420
- Urban problems - 1885, 1975, 2275, 2418, 2419, 2746

ALASKA PIPELINE (see LAND MANAGEMENT)

ANTARCTIC RESEARCH

- Bibliography - 1759, 2149
- Programs and plans - 1759, 1760, 1761, 1770, 1914, 2149, 2552, 3188

ARCTIC RESEARCH - 1770, 1914

ARMY CORPS OF ENGINEERS - ENVIRONMENTAL ACTIVITIES - 1890

ASIA

- Bibliography - 2986
- Technology transfer - 2985, 2986

ASTRONOMY

- 1973 solar eclipse program - 1770
- Cerro Tololo Inter-American Observatory (CTIO) - 1914
- Kitt Peak National Observatory (KPNO) - 1770, 1914
- National Astronomy and Ionosphere Center (NAIC) - 1770, 1914
- National Radio Astronomy Observatory (NRAO) - 1770, 1914
- Radio telescope - 1770
- Recent advances - 3282

ATMOSPHERIC SCIENCES

- Effects of disturbances - 3282
- Global Atmospheric Research Program (GARP) - 1770, 1914, 2310
- Monitoring of the atmosphere - 2579, 2580, 2581, 2990
- National Center for Atmospheric Research (NCAR) - 1770, 1914
- Water vapor research - 2152
- Weather modification - 1762, 1836, 1885, 1914, 2150, 2151, 2153, 2582, 2583, 2584, 2585, 2586, 2587, 2821, 2988, 2989, 3282
- Weather satellites - 2580, 2581, 2990

ATOMIC ENERGY COMMISSION

- Laboratories and facilities - 1836, 1898, 1900, 2023, 2257, 2294, 3088
- Licensing nuclear facilities - 1827, 1844, 2251, 2257, 2290, 3058, 3081
- R&D programs and budget - 1768, 1769, 1836, 1841, 1900, 2023, 2239, 2240, 2255, 2995

ATOMIC INDUSTRIAL FORUM - 3079

AUSTRALIA

- Commonwealth Scientific and Industrial Research Organization (CSIRO) - 2991, 2992
- Organization of science - 2589, 2991
- Science policy - 2588, 2590, 2991
- Scientific cooperation with U.S. - 1914

AUSTRIA

- Education - 1763
- International scientific cooperation - 2155
- R&D - 1763, 2154, 2155, 2993, 2994
- Science policy - 1763, 2155, 2993

AUTOMOBILES (see AIR POLLUTION - motor vehicle emissions; see also TRANSPORTATION)

AVIATION (see also TRANSPORTATION)

- Aerospace industry - 3174
- Air traffic control - 2056, 2109, 2110, 2538
- Growth forecasts - 2536, 3332

- Industrial diversification - 2197
- International trade and industrial competition - 2623, 2624, 2741, 3139
- Noise control - 3246, 3247
- Pollution problems - 2416, 2834, 3242
- R&D - 2033, 2111, 2125, 2467, 2537
- Safety - 2537, 3332
- Subsidies - 2112, 2125
- SST - 2108, 2124, 2467, 2475, 2484, 2534, 2535, 2963, 2987, 3333, 3334
- V/STOL - 2108, 2467, 2537, 3332
- BANGLADESH**
 - Energy resources - 2156
 - Needs - 2156
 - Technology transfer - 2156
- BELGIUM** SCIENCE POLICY - 1908
- BIOLOGICAL SCIENCES**
 - Advances - 2591, 2995, 3282
 - Biology of human populations - 1764
 - Institute of Molecular Biology (Madrid) - 2077
 - International Biological Program (IBP) - 1764, 1770, 1914, 2996
 - International Centre of Insect Physiology and Ecology (ICIPE) - 1954
 - International cooperation in research - 3144
 - Plant and animal disease studies - 2077
- BIOLOGICAL WARFARE** (see **NATIONAL SECURITY** Chemical and Biological Warfare)
- BIOMEDICAL R&D**
 - Advances in research and technology - 2158, 2160, 2161, 2485, 2552, 2995
 - Atomic applications - 1836, 2995
 - Cancer research - 3187, 3354
 - Federal budget and programs - 1765, 1768, 2157
 - Graduate medical education programs - 2627
 - International cooperation - 2157, 2162, 3187
 - Medical ethics - 1766, 2045, 2158, 2159, 2485, 2592
 - Research in biomedical engineering - 2162
 - U. of Sussex medical center - 3178
- BIRTH CONTROL** (see **POPULATION** or country)
- BRAZIL**
 - Population - 2454
 - Science policy - 2593
 - Scientific cooperation with U.S. - 1767, 1902, 2053
- BRITAIN** (see **UNITED KINGDOM**)
- BUDGET FOR R&D** (see **EXPENDITURES FOR R&D**)
- BULGARIAN ACADEMY OF SCIENCES** - 2999
- CANADA**
 - Alaska pipeline concerns - 1758, 1779
 - Arctic resources transportation system - 2172
 - Communications satellite - 3008
 - Expenditures for R&D - 1775, 1776, 1777, 2171, 3000, 3004
 - Industrial organization - 3007
 - International Development Research Centre - 3025
 - Manpower, technical and scientific - 1775, 2599
 - Ministry of State for Science and Technology (MOSSST) - 3002, 3003
 - National goals - 1775, 3001
 - Natural resources - 1779, 2172
 - Nuclear energy - 3369
 - R&D activities - 1775, 1776, 1778, 3005
 - Role of the scientist - 2173
 - Science policy - 1775, 1777, 2170, 2173, 2317, 2596, 2597, 2598, 2599, 3000, 3001, 3002, 3003, 3004, 3005, 3006
 - Scientific cooperation with U.S. - 1885, 2053, 3111
 - Technological innovation - 1775, 1777, 1778, 3006, 3007, 3310
- CCMS** (see **COMMITTEE ON THE CHALLENGES OF MODERN SOCIETY**)
- CHEMICAL AND BIOLOGICAL WARFARE** (see **NATIONAL SECURITY**)
- CHILE**
 - Development of science and technology - 1780
 - Education - 1780
- CHINA**
 - Education - 1781, 1782, 1784, 2177, 3010
 - Effects of Cultural Revolution - 1781, 1782, 1783, 1784, 2175, 2177
 - Environmental concern - 2849
 - Industrial development - 3009
 - Medicine - 1781, 1783, 1784
 - Nuclear capabilities - 1785
 - Organization of science and technology - 1781, 1782, 1783, 1784, 2175, 2176, 3009, 3010, 3199
 - Role of the scientist - 1782, 1783, 1784, 2600
 - Scientific cooperation with Japan - 1785, 1932, 3199
 - Scientific cooperation with U.S. - 1785, 1902, 1903, 1914, 2174, 3012
 - Space activities - 3011
- COMECON** (see **COUNCIL FOR MUTUAL ECONOMIC COOPERATION**)
- COMMITTEE ON THE CHALLENGES OF MODERN SOCIETY (CCMS)** - ENVIRONMENT - 1885, 1902, 3184
- COMMON MARKET** (see **EUROPEAN ECONOMIC COMMUNITY**)
- COMMUNICATIONS**
 - Cable systems - 2181, 2183, 2605
 - Effects on society - 2185, 2548, 2602, 2603, 2604, 2739
 - In rural areas - 2604
 - In urban areas - 2181, 2182
 - International aspects - 3014
 - Satellite systems - 2178, 2179, 2180, 2181, 2183, 2184, 2497, 2538, 2601, 2605, 2606, 2607, 2608, 2932, 3008, 3011, 3013, 3014, 3015, 3181, 3196, 3293
 - Scientific and technical - 2609
- COMPUTER SCIENCE** (see also country)
 - Assistance to education - 2211, 2739, 3039
 - Effects on society - 3282
 - NBS Center for Computer Science and Technology - 1915
 - National Science Foundation programs and grants - 1770, 1914, 2609
 - The ultimate computer - 2024
 - Use by Eastern Europe - 2300
 - Use by OECD countries - 1786, 2546, 3016, 3017
 - Use by U.S.S.R. - 2970
- CONGRESSIONAL REFERENCE SERVICE** - 2089
- CONSUMER PROTECTION** - 1918
- COUNCIL FOR MUTUAL ECONOMIC COOPERATION** - 2734
- COUNCIL OF EUROPE** - ENVIRONMENTAL ACTIVITIES - 2267
- COUNCIL ON ENVIRONMENTAL QUALITY**
 - Activities - 1886, 2140, 2286, 2287, 3127
 - Annual report - 1885, 1886
 - Evaluation of - 1886

- Organization and powers - 1885, 1886, 1894, 2287
- CUBA - 1787
- CZECHOSLOVAKIA
- Organization of science - 3018
- R&D potential - 2610
- DEPARTMENT OF AGRICULTURE
- Environmental research laboratories - 1898
- R&D programs and budget - 1768
- Water resource activities - 2140
- DEPARTMENT OF THE ARMY - WATER RESOURCE ACTIVITIES - 2140
- DEPARTMENT OF COMMERCE
- Environmental research laboratories - 1898
- R&D programs and budget - 1768, 2337
- Water resource activities - 2140
- DEPARTMENT OF DEFENSE (see also NATIONAL SECURITY)
- Air Force use of prototypes in procurement - 1774
- Environmental research laboratories - 1898
- R&D programs and budget - 1762, 1768, 1769, 2153, 2316, 2586, 2587
- University research program - 1955
- DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
- Environmental research laboratories - 1898
- Water resource activities - 2140
- DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT - WATER RESOURCE ACTIVITIES - 2140
- DEPARTMENT OF THE INTERIOR
- Alaska pipeline study - 1756, 1757, 1758
- Environmental research laboratories - 1898
- R&D programs and budget - 1768, 3176
- Water resource activities - 2140
- DEPARTMENT OF STATE - INTERNATIONAL SCIENCE/TECHNOLOGY AFFAIRS - 1902
- DEPARTMENT OF TRANSPORTATION
- Environmental research laboratories - 1898
- High Speed Ground Test Center - 2532
- R&D programs and budget - 1768, 2109, 2110, 2532, 2533, 3326
- Water resource activities - 2140
- DEVELOPING COUNTRIES
- Agricultural growth - 2187
- Education - 1966, 2212, 3292
- Environmental problems - 2704, 2705, 2708, 2709, 3021, 3109
- Energy resources - 2156, 2186, 2260, 2645
- Food sources - 2406
- Foreign aid to - 1790, 1791, 2190, 2191, 2212, 3023, 3025
- Housing - 2714
- Information sources - 2189, 2580, 2612
- Needs - 1966, 1967, 2190, 2615, 2698, 2708, 2714, 3287
- Organization and management of science and technology - 1787, 1788, 1789, 1792, 1793, 2190, 2386, 3020, 3022
- Organization of industry - 2192, 2614, 3201
- Pollution problems - 1967, 2188, 2693, 2849
- Population - 2454, 2611, 3287
- State of science and technology - 1966, 2175, 2190, 2191, 2611, 2613, 2616, 3024
- Technical aid to - 3026
- Technology transfer - 1780, 1788, 1789, 2101, 2192, 2386, 2492, 2611, 2613, 2614, 2615, 2616, 2923, 2924, 2925, 2926, 2927, 2985, 2986, 3019, 3020
- U.S. investments - 3152
- DISASTER RESEARCH - 1914, 2278, 2279, 2581, 3027, 3028, 3198, 3282
- EARTH RESOURCES TECHNOLOGY SATELLITE (see SPACE)
- EARTHQUAKE RESEARCH (see DISASTER RESEARCH)
- EAST GERMANY - 1794, 1880, 3029
- ECOLOGY (see ENVIRONMENT)
- ECOLOGY CENTER - 1888
- ECONOMIC COMMISSION FOR EUROPE - ENVIRONMENTAL ACTIVITIES - 2268
- ECONOMICS (see SCIENCE AND ECONOMICS)
- EDUCATION (see also country)
- Bibliography - 2860, 3043
- College Science Improvement Program (COSIP) - 1914
- Continuing education - 2636, 3342
- The Conversion Research and Education Act of 1971 - 1812
- Courses and curricula - 1766, 1805, 1809, 1810, 1814, 1816, 1817, 1942, 2199, 2200, 2201, 2202, 2203, 2204, 2213, 2214, 2408, 2457, 2463, 2477, 2626, 2627, 2628, 2629, 2631, 3035, 3041, 3342
- Developing countries - 1815, 2212, 2386, 3292
- Educational innovation - 1815, 2199, 2200, 2201, 2202, 2203, 2204, 2207, 2208, 2211, 2213, 2214, 2457, 2574, 2628, 2629, 2630, 2634, 2636, 2739, 3036, 3037, 3039, 3042
- Educational research - 3236
- Effects of technology - 1813, 1814, 3039, 3236
- Enrollments in science and engineering - 1805, 1806, 1807, 1809, 1811, 1942, 2205, 2206, 2372, 2374, 2375, 2386, 2805, 3038
- Federal aid to higher education - 2209, 2332, 2758
- Federal support of academic R&D - 1768, 1770, 1808, 1907, 1914, 1955, 2210, 2316, 2332, 2632, 2633, 2758, 2759, 2760
- Financing - 1807, 1808, 1811, 1942, 2746
- Foreign students - 2386, 3043
- Graduate education - 1805, 1806, 1807, 1810, 1811, 2200, 2207, 2627, 2631, 3031, 3037, 3237
- In OECD countries - 2574, 3031
- Industry's role - 2207, 2547, 3185, 3209, 3342
- Instructional technology - 2634, 2635, 3039
- International education resources - 3043
- National Bureau of Standards programs - 1915
- National Institute of Education - 1813, 2210
- National Science Foundation programs - 1770, 1810, 1812, 1914, 2759, 2760, 3042
- North Atlantic Treaty Organization Fellowships and Grants - 1914
- World University - 3282
- EGYPT - POPULATION - 2454
- ELDO (see EUROPEAN LAUNCHER DEVELOPMENT ORGANISATION)
- ELECTRONICS - 3272
- EMPLOYMENT (see MANPOWER, TECHNICAL AND SCIENTIFIC)
- ENERGY
- Bibliography - 1829, 2234, 2626, 2860, 3070, 3092
- Conservation - 1996, 2113, 2222, 2241, 2637, 2638, 2644, 3044, 3045, 3046, 3047, 3051, 3070, 3282
- Consumption - 3047, 3051, 3067, 3068, 3069,

3074, 3093
 Crises - 1818, 1819, 1820, 1821, 1826, 2216,
 2217, 2218, 2223, 2225, 2234, 2235, 2236,
 2238, 2239, 2240, 2637, 2639, 2640, 2641,
 2642, 2643, 2644, 2655, 2676, 2683, 2688,
 2957, 3048, 3049, 3050, 3051, 3052, 3054,
 3071, 3075, 3083, 3086
 Environmental effects - 1819, 1822, 1823, 1824,
 1825, 1826, 1830, 1834, 1864, 2220, 2221,
 2222, 2223, 2224, 2225, 2226, 2234, 2235,
 2236, 2241, 2248, 2517, 2645, 2646, 2647,
 2648, 2649, 2650, 2651, 2676, 3053, 3054,
 3055, 3056, 3070, 3128, 3249
 Fuels (see FUELS)
 Importance of - 1830, 1834, 2113, 2234, 2639,
 2652, 2676, 2677, 3049, 3074, 3072
 International relationships - 2216, 2217, 2219,
 2242, 2261, 2643, 2957, 3069, 3070
 National policy (see SCIENCE AND GOVERN-
 MENT - national energy policy) - 3051
 Nuclear (see NUCLEAR ENERGY)
 Power plant siting (see LAND MANAGEMENT)
 Research projects - 2678, 2679, 2680, 2681,
 2682, 2684, 2685, 2687, 2688, 2689, 3049,
 3050, 3073, 3091, 3094
 Unconventional (see UNCONVENTIONAL
 ENERGY SOURCES)
ENGINEERING FOUNDATION - 3259
ENVIRONMENT (see also country)
 Agriculture's role - 1776, 2271, 2275, 2446,
 2476
 Bibliography - 1854, 1855, 1881, 1987, 1993,
 2263, 2275, 2277, 2438, 2690, 2691, 2850,
 2860, 2969, 3103
 Budgets for pollution control and R&D - 1885,
 1893, 2428, 2843, 3249
 Council on Environmental Quality - 1885, 2723,
 2842, 2843
 Economic effects - 1867, 1871, 1873, 1875,
 1880, 1985, 1988, 1989, 1990, 1991, 2198,
 2275, 2426, 2427, 2428, 2429, 2838, 2839,
 2840, 2841, 3053, 3056, 3116, 3249, 3250
 Ecosystems - 1755, 1764, 1786, 1825, 1864,
 1865, 1974, 1983, 1993, 2146, 2271, 2275,
 2440, 2451, 2577, 2698, 3021, 3053, 3114
 Education - 1897, 2272, 2284, 2285, 2428,
 2626, 2724, 2803, 3040, 3053, 3108, 3112
 Federal actions - 1860, 1885, 1974, 1983, 1985,
 1990, 1992, 2002, 2275, 2294, 2427, 2438,
 2746, 3249, 3282
 Federal research laboratories - 1897, 1898, 2294,
 2720
 Glossary - 2692
 Impact of nature - 1993
 Impact of society - 1861, 1862, 1863, 1864,
 1865, 1866, 1867, 1868, 1869, 1870, 1871,
 1872, 1873, 1875, 1983, 1986, 1993, 1994,
 2099, 2270, 2271, 2272, 2273, 2274, 2275,
 2276, 2277, 2294, 2432, 2434, 2451, 2698,
 2699, 2700, 2701, 2702, 2703, 2707, 2723,
 3108, 3112, 3113, 3114, 3115, 3117, 3118
 Impact of SNA - 3344
 Industry action - 1859, 1885, 1984, 1985, 1991,
 2147, 2293, 2426, 2433, 2437, 2836, 3034,
 3249
 Information sources - 2349, 2351
 International cooperation - 1856, 1857, 1858,
 1859, 1860, 1863, 1874, 1876, 1877, 1878,
 1879, 1880, 1885, 1902, 1983, 2198, 2264,
 2265, 2266, 2267, 2268, 2269, 2275, 2280,

2281, 2282, 2283, 2430, 2693, 2694,
 2698, 2703, 2707, 2710, 2711, 2716,
 2719, 2721, 2855, 2961, 3104, 3105, 3106,
 3109, 3110, 3111, 3182, 3184, 3267, 3282
International Environment Exposition, 1974 -
2703
 Legislation for pollution control - 1827, 1875,
 1878, 1885, 1891, 1892, 1893, 1894, 1895,
 1896, 1983, 1985, 1987, 1990, 2288, 2289,
 2290, 2291, 2292, 2433, 2434, 2723, 2726,
 2727, 2841, 3053, 3123, 3124, 3126, 3127,
 3249
 Legislative Committee on the Environment
 (House of Representatives) - 1894, 2722
National Environmental Policy Act (see
SCIENCE AND LAW)
 National policy - 1897, 1983, 1984, 1996, 2003,
 2198, 2328, 2456, 2839, 2840, 2855, 3053,
 3249, 3270, 3348
 Natural hazards - 2278, 2279
 Natural resources - 1819, 1820, 1833, 1863,
 1864, 1868, 1873, 1874, 1876, 1877, 1880,
 1885, 1983, 1993, 1996, 2015, 2050, 2275,
 2431, 2433, 2434, 2440, 2451, 2456, 2855,
 2856, 2858, 2859, 2969, 2983, 3034, 3056,
 3113, 3266, 3267, 3269, 3270, 3272, 3282
 National Science Foundation programs - 1914
 Public concern - 1863, 1872, 1885, 1984, 1985,
 1986, 1987, 1993, 2274, 2275, 2276, 2277,
 2328, 2435, 2700, 2702, 2703, 3053
 R&D projects - 2717, 2996, 3122
 Resource management - 3267, 3269, 3270, 3282
 Standards and regulation - 1827, 2832, 1876,
 1885, 1983, 1984, 1985, 2001, 2002, 2330,
 2837, 2838, 2841, 2842, 2969, 3246, 3249
 State and local activities - 1885, 1889, 1985,
 2001, 2002, 2277, 3249
 Technology assessment and the environment -
 2093, 2099, 2457, 3266
 U.N. Conference, 1972 - 1876, 1877, 1878,
 1879, 1880, 1881, 1885, 1902, 2274, 2280,
 2281, 2282, 2283, 2704, 2706, 2707, 2708,
 2709, 2710, 2711, 2712, 2713, 2714, 2715,
 2716, 2717, 2718, 2719, 3104, 3105, 3106,
 3107, 3108, 3109
 U.N. programs - 3119
 Urban problems - 1836, 1885, 1919, 1920,
 2009, 2275, 2277, 2451, 2715, 3249
 Water resources - 1983, 1993, 2139, 2140,
 2141, 2271, 2275, 2277, 2555, 3268, 3282
ENVIRONMENTAL ACTION FOR SURVIVAL
(ENACT) - 1888
ENVIRONMENTAL PROTECTION AGENCY
(EPA)
 Activities - 1773, 1869, 1883, 1885, 1889, 1890,
 2004, 2134, 2228, 2284, 2285, 2330, 2349,
 2409, 2417, 2419, 2420, 2436, 2526, 2565,
 2568, 2647, 2690, 2836, 2848, 2850, 2976,
 2979, 3126, 3122, 3127, 3255
 Air pollution R&D - 1773, 1889, 1978, 1980,
 2436
 Air Pollution Technical Information Center
 (APTIC) - 1980
 Environmental research laboratories - 1898, 2720
 Noise control and abatement - 1981, 3246, 3247
 Organization and functions - 1883, 1884, 1885,
 3121, 3122
 R&D budget - 1768, 1773, 1882
 Waste management activities - 3360
 Water resource activities - 1773, 2139, 2140,

- 2409
Water pollution R&D - 3120
EROS (see SPACE - earth resources satellites)
ESRO (see EUROPEAN SPACE RESEARCH ORGANISATION)
ERTS (see SPACE - earth resources satellites)
EUROPEAN ECONOMIC COMMUNITY
Energy policy - 2302, 3066, 3131
Environmental activities - 2267, 3141
Interchange of professionals - 1952
R&D expenditures by EEC nations - 2299, 2620, 2730, 3129, 3131
Scientific and technical cooperation - 2295, 2296, 2298, 2730, 2731, 2732, 2733, 2734, 3129, 3131, 3133
EUROPEAN LAUNCHER DEVELOPMENT ORGANISATION - 2055, 2498, 3136, 3137, 3297
EUROPEAN NATIONS
Computer science - 2300, 3017
Cooperative space programs - 3135, 3136, 3137, 3297
Defense expenditures - 3134
Energy policy - 3140
Multidisciplinary research - 3261
Nuclear capabilities - 2301, 2303, 2728, 2729, 2730
Science policy - 3261
Science research councils - 3132
Scientific and technical cooperation - 2296, 2297, 2298, 2728, 2729, 2730, 2731, 2732, 2733, 3129, 3130, 3132, 3135, 3139, 3144
Transportation - 3143
EUROPEAN NUCLEAR ENERGY AGENCY - 2729
EUROPEAN RESEARCH AND DEVELOPMENT AGENCY (ERDA) - 3133
EUROPEAN SPACE CONFERENCE - 2074
EUROPEAN SPACE RESEARCH ORGANISATION - 2055, 2056, 2057, 2178, 2499, 2538, 3136, 3138
EXPENDITURES FOR R&D (see also country)
Administration requests for FY 1973 - 1768, 1769, 1770, 1771, 1803, 2163, 2168, 3172
Allocations for particular programs and goals - 1768, 1769, 1770, 1771, 1772, 1803, 2163, 2164, 2165, 2166, 2167, 2168, 2594, 2595, 2602, 2998
By Government - 2194, 2196, 2594, 2595, 2602, 2997, 2998
By industry - 1772, 1803, 1942, 2193, 2194, 2197, 3205
Civilian R&D - 3174
Defense - 1769, 1774, 1942, 3173, 3263
Effects of inflation - 2619
Effects of economy - 1798, 1799, 1908, 2193, 2194, 2997
Forecast - 1942, 2515, 3205, 3258
Grants and contracts - 1770, 1914, 1942, 2619
Incentives - 1770, 1771, 1772, 1795, 1798, 1799, 3164
Pollution control - 1885
Minerals research - 3176
FACILITIES FOR R&D
AEC laboratories - 1900
Environmental research laboratories - 1897, 1898, 2294, 2720
Fort Detrick conversion - 1899, 2343, 2765
NASA laboratories - 2304
FAMILY PLANNING (see POPULATION)
FEDERAL AVIATION AGENCY - 3247
FEDERAL CONTRACT RESEARCH CENTERS - 1911, 2869
FEDERAL POWER COMMISSION - WATER RESOURCE ACTIVITIES - 2140
FERTILIZER (see AGRICULTURAL SCIENCES)
FINLAND
Environmental control - 1901
Science policy - 3145, 3146
FOOD AND DRUG ADMINISTRATION - 2089
FOREIGN AFFAIRS
Balance of trade - 1902
East Europe Cooperative Science Program - 2778
Foreign Currency Science Program - 1770, 1902, 1914
Geneva Protocol (see also NATIONAL SECURITY - chemical and biological warfare) - 1964
International Institute of Applied Systems
Analysis - 2777
Multinational institutions - 3182
Private investment - 3152
Technology transfer - 2931
USC/FAR research - 3151
Visits and exchanges - 1767, 1902, 1904, 1914, 2077, 2309, 2551, 2703, 3012
FRANCE
Aerospace industry - 2741
Anglo-French Concorde - 2124, 2534
Budget for R&D - 2312, 3153
Commissariat à l'Energie Atomique - 2311
Foreign trade - 2741
Nuclear energy - 2541
R&D - 2368, 3154
Scientific cooperation with U.S. - 1902, 1914, 2314
Science policy - 1905, 1906, 1908, 2313, 2314, 2792, 3154
Space activities - 3155
FUELS
Coal as an energy source - 2227, 2228, 2232, 2239, 2653, 2654, 2655, 2678, 3053, 3056, 3061, 3066, 3070, 3073, 3091, 3092
Conservation of - 2234, 2235, 2517, 3063, 3092
Consumption - 2652, 3063, 3070, 3074
Oil and gas resources - 2216, 2217, 2228, 2229, 2230, 2232, 2233, 2238, 2239, 2242, 2678, 2686, 3053, 3057, 3061, 3064, 3065, 3073, 3089, 3091, 3092
Reserve supplies - 3061, 3062, 3066, 3070, 3071, 3074, 3282
Transportation - 3070, 3092
GARP (see ATMOSPHERIC SCIENCES)
GENEVA PROTOCOL (see FOREIGN AFFAIRS)
GERMANY (see EAST GERMANY or WEST GERMANY)
GOVERNMENT-SCIENCE INTERACTION (see SCIENCE AND GOVERNMENT)
GREAT BRITAIN (see UNITED KINGDOM)
HEALTH CARE AND RESEARCH
Center for Law and Health Sciences - 2342
Costs - 1918, 2341, 2344
Environmental hazards to health - 1919, 3248
Federal programs - 1918, 2341, 2343, 2765, 2766
Medical education - 2344
Remote health care system - 3177
HELIUM - 3272
HUNGARY - RESEARCH AND DEVELOPMENT - 3180

HOUSING

Rural - 2767

Urban - 1921, 2127, 2345, 2346, 2547, 2702, 2715, 2721

IBP (see BIOLOGICAL SCIENCES)

ICIEP (see AFRICA)

INDIA

Agricultural innovations - 2772

Communications satellites - 2179, 2347, 3181

Education - 1922

Manpower - 1922, 2768, 2771

Nuclear energy - 2772

Pollution problems - 2708

R&D - 2771

Science policy - 2708, 2768, 2769, 2770, 2771

Scientific cooperation with U.S. - 1914, 2053

INFORMATION MANAGEMENT (see also country and TECHNICAL INFORMATION)

Air Pollution Technical Information Center (APTIC) - 1980

Analytical Methodology Information Analysis Center (AMIC) - 1927

Bibliography - 2860

By OECD countries - 1786, 1924, 2189

Computer Board (NAS) - 1926

Cooperation with Spain - 2077

Documentation system - 1923, 1925, 2970

Education in Japan - 1932

For home use - 2183

For technology assessment - 1924, 1926, 2089

National Geophysical and Solar Terrestrial Data Center - 2773

National Science Foundation grants and programs - 1770, 1914

National Technical Information Service - 3175

Smithsonian Institution's Science Information Exchange - 2774

World Science Information System (UNISIST) - 3024

INTEGRATED GLOBAL OCEAN STATION SYSTEM - 1968, 1971

INTERGOVERNMENTAL SCIENCE PROGRAMS - 1770, 1914, 2386, 2474, 2777, 2778, 2779, 2791

INTERNATIONAL ATOMIC ENERGY AGENCY - 3080

INTERNATIONAL SCIENCE FOUNDATION - 2474

IRELAND MARINE RESOURCES DEVELOPMENT - 3189

ISF (see INTERNATIONAL SCIENCE FOUNDATION)

ISRAEL

Education - 1928, 1929

Information management - 1928

National organizations - 1928

Policy-making bodies - 1928, 1929, 2780

Pollution problems - 2357

R&D facilities and activities - 1928, 1929, 2356, 2781, 3190

Science policy - 2780

Scientific cooperation with other countries - 1928, 3190

Technical assistance program - 3026

U.S. - Israeli Binational Science Foundation - 3190

ITALY

Aerospace industry - 2358, 2359

Organization and planning for R&D - 1930, 1931, 2358, 2359

Pollution problems - 1997

Scientific cooperation with U.S. - 1914

JAPAN

Education - 1932, 2783, 3194

Environmental protection - 1932, 2360, 2361, 2713

Exports - 3193

Foreign economic relations - 3310

Industrial organization - 2362, 2363, 2364, 2514, 2713, 2782, 3199

National Center for Disaster Prevention - 3198

Oceanography - 3197

Organization of science - 3192

Pollution problems - 2713

Population - 2364, 2454

R&D - 1795, 1799, 1802, 1933, 2360, 2362, 2363, 2514, 3193

Science Council of Japan - 3192

Science policy - 3191

Scientific cooperation with Mainland China - 1932, 3191

Scientific cooperation with U.S. - 1885, 1914, 3195

Scientific cooperation with U.S.S.R. - 1932

Space activities - 1932, 3195, 3196

Technological innovation - 2514, 2518, 2784

Technology assessment - 1933, 2362, 2527, 2784

Technology transfer - 2923

LAND MANAGEMENT

Agricultural use - 1865

Alaska and Canada gas pipeline - 1755, 2148

Alaska pipeline - 1756, 1757, 1758, 1779, 1885, 2146, 2147, 2148, 2576, 2577, 2578

Bibliography - 1854, 2857

Coastal zone region - 2857, 3055, 3124, 3231, 3232, 3233

Conversion from rural to suburban uses - 2701, 3200

Legislation - 1833, 1885, 1934

National policy - 1894, 2050, 2272, 2857, 3200

Population space - 2011, 2015, 2857

Power plant siting - 1822, 1824, 1825, 1827, 1828, 1835, 1836, 1885, 2040, 2226, 2405, 2639, 2647, 2649, 2651, 2726, 3053, 3055, 3059, 3083, 3086, 3087

State and local activities - 1885, 2857

Surface mining and reclamation - 1934, 2676

LAW AND SCIENCE (see SCIENCE AND LAW)

LIFE SCIENCES (see BIOLOGICAL SCIENCES, BIOMEDICAL R&D, HEALTH)

MANAGEMENT OF SCIENCE - 1770, 1907, 1908, 1909, 1910, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 2365, 2366, 2367, 2368, 2369, 2540, 2785, 2786, 2787, 2788, 2789, 2790, 2791, 2792, 2793, 3120, 3201, 3202, 3203, 3204, 3207, 3208, 3209, 3210, 3274

MANPOWER, TECHNICAL AND SCIENTIFIC (see also country)

Bibliography - 1942

Education and training - 1812, 1942, 1943, 1945, 1952, 2205, 2206, 2207, 2370, 2372, 2375, 2382, 2386, 2570, 2801, 2804, 3035, 3042

Environmental careers - 2802, 2803, 2804, 2806

Executives - 3208, 3219

Freedom of scientists - 2809, 3220

In government agencies - 1942, 1945, 1946

Interpersonal relations - 3203

Relationship with corporate structure - 1948,

- 2807
 Retraining - 2026, 2382, 2383, 2384, 2385, 2795, 3216, 3217
 Salaries - 1942, 1946, 2370
 Supply and demand - 1811, 1942, 1943, 1944, 1945, 1946, 1947, 1995, 2370, 2371, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2381, 2382, 2385, 2387, 2545, 2796, 2797, 2798, 2799, 2800, 2803, 2805, 3035, 3211, 3212, 3213, 3214, 3215, 3216, 3313
 Technical societies - 1948, 2794, 3217
 Unemployment - 2796, 3216, 3217
 Women in science and engineering - 1942, 1946, 2380, 2808, 3218
- MASSACHUSETTS INSTITUTE OF TECHNOLOGY** - 2101, 3243
- MEDICINE** (see **BIOMEDICAL R&D OR HEALTH CARE AND RESEARCH**)
- METRIC SYSTEM**
 Effects on export trade - 1949, 1950, 1951
 In Britain - 2388
 In U.S. - 1949, 1950, 1951, 2389, 3221, 3222
- METROLOGY** - 2810, 2811
- MEXICO** - 1793, 2812
- MILITARY-INDUSTRIAL COMPLEX** (see **SCIENCE AND GOVERNMENT**)
- NASA** (see **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**)
- NATIONAL ACADEMY OF ENGINEERING (NAE)** - 3277
- NATIONAL ACADEMY OF SCIENCES (NAS)**
 Effect on science policy decisions - 1909, 2914
 International activities - 2354, 2777, 3012, 3277
 National environmental laboratories - 1887, 1895
 U.S. activities - 3277
- NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**
 R&D programs and budget - 1768, 1850, 2050, 2051, 2304, 2537, 2538, 2824, 3298, 3301
 Remote health care system test site - 3177
 Research laboratories - 1898, 2467
- NATIONAL BUREAU OF STANDARDS**
 Center for Computer Sciences and Technology - 1915
 Fire research program - 1915
 Industry innovation program - 2083
 Institute for Applied Technology - 1915
 Institute for Basic Standards - 1915
 Institute for Materials Research - 1915
 National Standard Reference Data System - 1915
 Organization - 1915
 R&D programs and budget - 1915, 2337
 Standard reference material program - 1915
- NATIONAL CENTER FOR ENERGY MANAGEMENT AND POWER** - 3094
- NATIONAL ENVIRONMENTAL POLICY ACT** (see **SCIENCE AND LAW**) - 2291
- NATIONAL INSTITUTE OF BUILDING SCIENCES** - 1921
- NATIONAL INSTITUTE OF EDUCATION (NIE)** - 1813
- NATIONAL INSTITUTES OF HEALTH** - 1765, 2343
- NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION**
 Budget and programs - 2168, 2278, 2279, 2415, 2773, 2824, 2826, 3027, 3111
 Earthquake monitoring and research (see also **DISASTER RESEARCH**) - 2278, 2279, 3027
 Earthquake warning system - 2278
 Organization - 1885
 Water resource activities - 1968, 1971, 2140
 Weather modification activities - 2989
- NATIONAL RESEARCH COUNCIL**
 Activities - 3277
 Effects on science policy decisions - 1909, 2412
 Organizational structure - 2413, 2414, 2468, 2469
- NATIONAL SCIENCE FOUNDATION**
 Budget and programs - 1768, 1769, 1770, 1910, 1919, 2020, 2021, 2167, 2318, 2320, 2325, 2329, 2510, 2609, 2742, 2743, 2744, 2745, 2759, 2760, 2915, 2916, 2998, 3030, 3161, 3162
 Cooperative College School Science Program - 2213, 3263
 Environmental research laboratories - 1898
 Experimental R&D Incentives Program - 2021, 2916, 2930, 3306, 3312, 3313
 Institutional Grants for Research Management Improvement - 2021
 International cooperative scientific activities - 1914, 2329, 2778
 National R&D Assessment Program - 2021, 2088
 New Technology Opportunities Program - 1768, 1914, 2088
 Projections on industrial R&D - 3205
 Research Applied to National Needs (RANN) - 1770, 1914, 2020, 2021, 2037, 2093, 2319, 2329, 2639, 2742, 2750, 2759, 2760, 3263, 3264, 3291
 Social-indicator studies - 2037
 Special Foreign Currency Science Program - 1914
- NATIONAL SECURITY**
 Armed forces - 2746
 Atomic weapons - 1785, 1836, 1956, 1957, 1958, 2390
 Budget and programs - 2392, 2746
 Chemical and biological warfare - 1956, 1961, 1963, 1964, 2394, 2395, 2815, 2817, 3224, 3225
 Conference of the Committee on Disarmament - 1956, 1961
 Defense policy - 1959, 1960, 2816
 Department of Defense sponsored R&D - 1955, 1960, 2813, 2815, 3173, 3223
 Disarmament - 1956, 1962, 2392, 2814
 Monitoring nuclear explosions - 2390, 2391
 Nuclear test ban treaty - 1957, 1958, 2390, 2814
 R&D in the marine sciences - 2396
 Strategic Arms Limitation Talks (SALT) - 1956, 2393, 2541, 2814, 2816
 Total Force Concept - 1959
 Weather modification - 2583, 2584, 2586, 2587
- NATIONAL TECHNICAL INFORMATION SERVICE** - 3175
- NATO** (see **NORTH ATLANTIC TREATY ORGANIZATION**)
- NATURAL RESOURCES** (see **ENVIRONMENT**)
- NETHERLANDS**
 Education - 2397
 Science Policy - 1965, 2397, 3226
- NEW TECHNOLOGY OPPORTUNITIES PROGRAM** - 1768, 1914, 2088
- NEW ZEALAND** - 2589
- NIE** (see **NATIONAL INSTITUTE OF**

EDUCATION)

NIGERIA - 1966

NIH (see NATIONAL INSTITUTES OF HEALTH)

NOISE POLLUTION

Bibliography - 1854, 1981, 1982, 2832

Economic impact - 3245

Problems and status - 1865, 1882, 1885, 1981, 1982, 2015, 2421, 2433, 2451, 2833, 2834, 2858, 3245, 3249

Regulation - 1981, 1982, 2726, 2832, 2834, 3246, 3247, 3249

NORTH ATLANTIC TREATY ORGANIZATION

Advanced study institutes - 2519

Environmental activities - 2267

NORWAY - RESEARCH AND DEVELOPMENT - 3227

NUCLEAR ENERGY (see also country)

Applications - 1835, 1836, 1837, 1839, 2040,

2215, 2219, 2451, 2658, 2671, 2672, 3059

Breeder reactors - 2243, 2248, 2542, 2640,

2656, 2659, 2660, 3053, 3075, 3082, 3088, 3092

Construction - 1840, 2040, 2243, 2256, 2549, 2671

Environmental impact - 1827, 1835, 1836,

1837, 1839, 1844, 2220, 2221, 2222, 2223, 2248, 2250, 2658, 2661, 2760, 2671, 2676, 3053, 3058, 3059, 3060, 3077, 3081, 3087, 3128

Fusion (see UNCONVENTIONAL ENERGY SOURCES)

History and role - 1835, 1836, 2255, 2451,

2549, 2655, 2662, 2671, 2672, 2673, 3059, 3076, 3092

International cooperation - 1836, 1908, 2310,

2541, 2658, 2671, 2728, 2729, 2740, 3080, 3350

Planning for future growth - 2256, 2542, 2658, 2673, 2674, 2958, 2959, 3079

Power plant safety - 1828, 1837, 1842, 1843,

1844, 2245, 2246, 2247, 2663, 2664, 2667, 2670, 2671, 2675, 2676, 3059, 3081, 3282

Power plant siting - 2040, 2405, 2661, 3059,

3083, 3086, 3087

Reactor licensing - 2251, 2252, 2257, 2439, 2727

Reactor safety - 2668, 2669, 3059, 3076,

3082, 3084, 3085

Regulation - 1992, 2040, 2244, 2252, 2253,

2254, 2255, 2257, 2658, 2659, 2665, 2666, 2667, 2671

Research - 2678

Space applications - 2062, 2658, 2672

Uranium enrichment - 3079, 3090

Use of nuclear explosions - 1846, 2444, 2658, 2671, 3089

Use of radioactive isotopes - 2658, 2671

World market - 3078

OCEAN

Coastal zone management - 3232, 3233

Coastal Zone Management Act, 1972 - 3232, 3233

Development of resources - 2404, 2405, 2818, 2819, 2822, 3189, 3231

International activities - 1770, 1885, 1914,

1967, 1968, 1969, 1970, 2077, 2398, 2399, 2400, 2402, 2607, 2911, 3182, 3228, 3229,

3230, 3282

Japanese activities - 3197

Monitoring ocean environment - 2824, 2825

Ocean-engineering education programs - 24,

2628, 2629, 2804, 2826

Offshore projects - 1971, 2404, 2405, 2661,

2819, 2857

Pollution problems - 1885, 1967, 1971, 1973, 1993, 2401, 2405, 2406, 2407, 2409, 2433, 2440, 2676, 2714, 2726, 2818, 2824, 2857, 3229, 3230

Research and development - 1972, 2543, 2595, 2760, 2822, 2827

Seabed arms control treaty - 1969, 1970

State and local regulation - 1885

Technology transfer - 2935

U.N. Law of the Sea Conference, 1973 - 2820

U.S. activities - 1770, 1914, 1968, 1969, 1970,

1971, 1972, 1973, 2401, 2402, 2403, 2409, 2818, 2822, 2823, 2824, 2825, 2826, 2911, 3231

World Data Center A: Oceanography - 2398,

2399, 2400

OECD (see ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT)

ORGANISATION FOR ECONOMIC CO-

OPERATION AND DEVELOPMENT (OECD)

Environmental activities - 1885, 2267, 2268,

2269

Science policy programs - 3183, 3276

Scientific and technical cooperation among

members - 1953, 3031

Urban problems - 2127

ORGANIZATION RESPONSE - 3283

PANAMA CANAL - 1974

PATENTS (see SCIENCE AND GOVERNMENT)

PETROLEUM INDUSTRY - POLLUTION

CONTROL - 2293, 2433

PESTICIDES AND HERBICIDES

Bibliography - 1854

Insect pest control studies - 1865, 1954, 2423, 2752, 2835

Legislation for control - 1885, 2422, 2726, 2858, 3123

Problems and status - 1864, 1865, 1882, 1885, 2015, 2422, 2423, 2424, 2446, 2696, 2815,

3053, 3248, 3282

PHILIPPINES

Education - 3236, 3237

National Water and Air Pollution Control

Commission - 3238

Nuclear energy - 3239

Pollution problems - 2410

Science policy - 2411, 2828, 2992, 3234, 3235,

3240

PIPELINE, ALASKA (see LAND MANAGEMENT)

PLANNING BIBLIOGRAPHY - 3241

POLAND

Pollution problems - 2848

Scientific cooperation with U.S. - 3186

POLLUTION (see type; see also ENVIRONMENT)

POPULATION (see also country)

Control - 1766, 1864, 2006, 2007, 2008, 2009,

2011, 2012, 2013, 2014, 2015, 2016, 2017,

2042, 2275, 2451, 2452, 2453, 2454, 2604,

2706, 2708, 2852, 3053, 3256, 3257, 3282

Demography - 1865, 2008, 2275, 2451, 2452, 2454

Family planning - 2006, 2010, 2011, 2012, 2013, 2275, 2454, 3282

Federal programs in family planning - 2009, 2010, 2013

Limitations - 1861, 1863, 1864, 1865, 1866,

- 1867, 1868, 1871, 2006, 2009, 2012, 2013, 2014, 2015, 2016, 2017, 2042, 2139, 2275, 2286, 2451, 2452, 2454, 2476, 2591, 2604, 3053
- Problems of overpopulation - 2006
- Research - 2009, 2010, 3257
- Rural - 2181, 2604
- U.N. World Population Congress, 1974 - 2705
- U.S. Commission on Population Growth and the American Future - 2007, 2008, 2009, 2012, 2449, 2450, 2851
- Urbanization - 2181, 2274
- POSTAL TECHNOLOGY - 2455**
- POWER PLANT SITING (see LAND MANAGEMENT AND NUCLEAR ENERGY)**
- RADIATION POLLUTION**
- Bibliography - 1854, 2275, 2440
- Control of radioactive waste - 1835, 1837, 1998, 2000, 2441, 2442, 2443, 2557, 2658, 2670, 2729, 3053, 3055, 3059, 3076, 3092, 3368
- Problems and status - 1822, 1865, 1882, 1885, 1998, 2275, 2439, 2440, 2441, 2444, 2451, 2591, 2669, 2675, 2676, 3053, 3059, 3252, 3282
- Standards and regulation - 1835, 1836, 1842, 1844, 1865, 1885, 1992, 2439, 2858, 3059, 3251
- RAND CORP. - 2869**
- RANN (see NATIONAL SCIENCE FOUNDATION)**
- RESEARCH AND DEVELOPMENT (see also country or subject)**
- Benefits to society - 1995, 2026, 2618, 2869, 3030, 3157, 3204, 3235, 3287, 3322
- Centers for - 2470, 2471, 2473, 2573, 2869, 3207, 3266, 3284
- Classification - 3265
- Cooperation with Israel - 3190
- Effect on exports - 3193
- Effect on technological growth - 3031, 3164
- Evaluation - 3207
- Federal support - 2019, 2020, 2021, 2079, 2333, 2338, 2752, 2853, 2854, 3031, 3032, 3157, 3158, 3165, 3173, 3176, 3260, 3262, 3284, 3322
- Global research institutions - 3182, 3275
- Glossary - 3265
- In European nations - 2730, 2731, 3133, 3261, 3351
- In OECD countries - 3031
- Industrial - 1774, 1941, 1942, 1947, 2022, 2470, 2473, 2756, 2854, 3031, 3032, 3158, 3165, 3166, 3204, 3205, 3206, 3207, 3209, 3210
- Interdisciplinary research - 2754, 3261
- Management - 3201, 3202
- Nonprofit research institute - 2471
- Priorities - 2018, 2019, 2020, 2022, 2024, 2025, 2853, 2854, 3156, 3258, 3259, 3260, 3322
- Small firms in R&D industry - 3032
- Team research - 2470, 2472
- University research - 3209, 3262, 3288, 3326
- ROMANIA - SCIENTIFIC COOPERATION WITH U.S. - 1914**
- RUSSIA (see U.S.S.R.)**
- SAFETY**
- Considerations for technology assessment - 1920, 2089
- Cost effectiveness - 3179
- Information on hazardous materials - 2340, 3059
- National Transportation Safety Board - 2089
- Role of government - 3150
- SATELLITES (see SPACE AND COMMUNICATIONS)**
- SCIENCE AND ECONOMICS**
- Bibliography - 2621
- Cost-benefits of R&D - 1771, 1796, 1797, 1801, 1802, 2550, 3204, 3210
- Cost of environmental degradation - 1801, 1864, 3034, 3053, 3116, 3282
- Economic growth - 3033
- Effects of inflation on R&D - 1765, 2619, 2869
- Innovation role - 1771, 1801, 2195, 2616, 2617, 2618, 3032
- Pollution costs and impacts - 1885, 2198, 2425, 2426, 2427, 2428, 2429, 2433, 3033, 3053, 3116, 3250
- Provisioning - 1864
- R&D effects on economy - 1795, 1797, 1798, 1799, 1801, 1802, 1804, 2044, 2193, 2194, 2195, 2196, 2197, 2550, 3030, 3031, 3158, 3165
- R&D effects on international trade - 1800, 1804, 2194, 2195, 2198, 2622, 2623, 2624, 3031
- SCIENCE AND ENGINEERING COUNCIL - 3166**
- SCIENCE AND GOVERNMENT**
- Bibliography - 2860, 3273, 3274
- Congressional Reference Service - 1909, 2089
- Decision making - 3150, 3168, 3275
- Departmental reorganization - 3171
- Long-range planning - 2032, 2042, 2078, 2746, 2762, 3241, 3278
- Military-industrial complex - 1940, 1941, 2478, 2746, 3322
- National energy policy - 1818, 1831, 1832, 1833, 1894, 2232, 2233, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2248, 2257, 2259, 2655, 2656, 2657, 2677, 2679, 3047, 3062, 3067, 3068, 3069, 3070, 3071, 3072, 3073, 3074, 3075, 3080, 3081, 3094, 3170
- National priorities - 1795, 1907, 1912, 2018, 2019, 2020, 2023, 2026, 2032, 2035, 2042, 2324, 2325, 2328, 2332, 2465, 2478, 2487, 2624, 2625, 2699, 2745, 2746, 2747, 2749, 2753, 2762, 2785, 2853, 2856, 3033, 3162, 3163, 3168, 3174, 3263, 3322
- National science policy - 1804, 1829, 1907, 1908, 1909, 1910, 1912, 2317, 2320, 2321, 2324, 2327, 2331, 2334, 2335, 2336, 2464, 2465, 2699, 2744, 2745, 2747, 2748, 2749, 2750, 2751, 2753, 2754, 2755, 2756, 2757, 2763, 2881, 2886, 3156, 3157, 3159, 3160, 3161, 3162, 3163, 3164, 3166, 3167, 3170, 3172, 3258, 3269, 3286
- Office of Science and Technology - 2756, 3166
- Patents - 1917, 2928, 3314
- Policy research - 3275
- Political motives - 1907, 2018, 2035, 2070, 2874
- Public enlightenment - 2339, 2475, 2484, 2755, 3167
- Role of science fiction - 3286
- Role of the scientist - 1789, 1909, 1910, 1913, 1916, 2035, 2040, 2078, 2315, 2322, 2336, 2447, 2475, 2487, 2588, 2590, 2751, 2753, 2757, 2761, 2763, 2770, 2780, 2874, 3156, 3278, 3285
- State and local activities - 1795, 1913, 2078, 2323, 2510, 2511, 2761, 2905, 2906, 2907,

2908, 3303, 3304, 3305, 3306
 Technology assessment in Legislative and
 Executive Branches - 1907, 1909, 1910,
 1916, 2089, 2091, 2092, 2093, 2094, 2096,
 2749, 2919
 Technology assessment in State government -
 3320

SCIENCE AND LAW

Environmental Education Act, 1970 - 2724
 Law-enforcement weapons - 2764
 National Environmental Policy Act (NEPA) -
 1885, 2288, 2289, 2290, 2291, 2792, 2723,
 2725, 2842, 2858, 3126, 3127, 3128, 3282
 National Growth Policy Planning Act, 1972 -
 2721
 National Science Policy and Priorities Act -
 3161
 Pollution-control laws and enforcement - 1885,
 3123, 3124, 3126, 3127, 3348
 Technology assessment, legal aspects - 2089,
 2457
 Water Pollution Control Act, 1972 - 3125

SCIENCE AND SOCIETY

Attitudes toward science - 1775, 1796, 1801,
 1913, 2018, 2022, 2023, 2031, 2033, 2034,
 2036, 2040, 2043, 2044, 2046, 2047, 2089,
 2464, 2478, 2484, 2485, 2486, 2488, 2490,
 2591, 2698, 2712, 2870, 2871, 2876, 2880,
 2881, 3204, 3280, 3287
 Benefits to man - 1775, 1796, 1801, 1802,
 1908, 2024, 2026, 2032, 2034, 2039, 2040,
 2041, 2047, 2048, 2050, 2480, 2482, 2488,
 2490, 2491, 2869, 2870, 2871, 2872, 2875,
 2878, 2877, 2880, 2884, 2886, 2908, 3204,
 3284, 3288
 Bibliography - 2860, 3168, 3274, 3287
 Ethics - 1864, 2014, 2016, 2017, 2045, 2048,
 2485, 3287
 Influence of atomic technology - 1836, 2023,
 2440
 Interaction - 3289, 3290
 Law-enforcement weapons - 2764
 Public enlightenment - 1913, 1914, 1916, 2031,
 2032, 2034, 2036, 2040, 2042, 2044, 2047,
 2048, 2339, 2369, 2475, 2477, 2478, 2479,
 2481, 2482, 2484, 2486, 2488, 2539, 2697,
 2870, 2876, 2879, 3280, 3284
 Quality of life - 1801, 1802, 1864, 1908, 2032,
 2034, 2039, 2041, 2042, 2050, 2480, 2482,
 2698, 2870, 2871, 2875, 2877, 2878, 2879,
 2880, 3115, 3287
 Role of the scientist - 1916, 2035, 2036, 2038,
 2039, 2040, 2046, 2047, 2048, 2369, 2475,
 2480, 2481, 2483, 2486, 2487, 2488, 2489,
 2490, 2491, 2539, 2875, 2876, 2877, 2878,
 2879, 2880, 2881, 2885, 2884, 3204, 3279,
 3280, 3281, 3283, 3285, 3287, 3289
 Social indicators - 1796, 2037, 2465, 3204,
 3289
 Social research - 3275, 3279, 3291
 Technology assessment in the public interest -
 1916, 2039, 2040, 2041, 2042, 2044, 2048,
 2050, 2089, 2464, 2489, 2491, 2762, 2871,
 2883, 2885, 2886, 3149, 3150, 3281, 3287,
 3319

SCIENCE AND TECHNOLOGY (see country or
 subject)

SCIENCE POLICY (see country or subject)

SCIENCE POLICY STUDIES - 1914

Bibliographies - 2351, 2458, 2459, 2460, 2461,

2463, 2860, 2861, 2862, 2863, 2864,
 3273, 3274

Definitions - 2027, 2462, 2868

Directories - 2028

Glossary - 2466

In college and university curricula - 2030, 2865,
 2866, 2867

Indexes and abstracts - 2353

International Commission for Science Policy
 Studies - 2865

U. of Sussex Science Policy Research Unit -
 2029, 2462

SCIENCE RESEARCH COUNCIL (see UNITED
 KINGDOM)

SOCIETY SCIENCE INTERACTION (see
 SCIENCE AND SOCIETY)

SOIL POLLUTION (see AGRICULTURAL
 SCIENCES)

SOUTH AFRICA - 3292

SOVIET UNION (see U.S.S.R.)

SPACE (see also country)

Aerosat - 2056, 2057, 2314, 2538, 2607, 3138

Benefits - 1804, 2050, 2051, 2052, 2053, 2059,
 2063, 2064, 2067, 2068, 2492, 2504, 2509,
 2528, 2890, 2898, 2899, 2932, 2933, 3111,
 3323

Communications satellites - 2059, 2178, 2179,
 2180, 2181, 2183, 2184, 2497, 2538, 2601,
 2605, 2606, 2607, 2608, 2932, 3008, 3011,
 3013, 3014, 3015, 3181, 3196, 3293

Cooperation with Japan - 3195

Cooperation with U.S.S.R. - 2054, 2310, 2495,
 2496, 2502, 2892, 3181, 3295, 3296

Cooperation with West Germany - 2145

Earth resources satellites - 2050, 2051, 2052,
 2059, 2445, 2492, 2887, 2888, 3293

Intelsat - 2494, 2497, 3013, 3135

International aspects - 1904, 1908, 2052, 2053,
 2054, 2055, 2056, 2057, 2065, 2066, 2310,
 2492, 2493, 2494, 2495, 2496, 2497, 2498,
 2499, 2500, 2580, 2890, 2891, 2892, 2893,
 2900, 2962, 3014, 3111, 3135, 3137, 3138,
 3282, 3293, 3294

International Earth Resources Management
 Organization (IERMO) - 2500

Launch facilities - 3155, 3294, 3296

Lunar exploration - 1904, 3299, 3300

Mare-sat - 2607, 3015

Nuclear engine for rocket vehicle application
 (NERVA) - 2062, 2658, 3301

Planetary exploration - 2060, 2061

Plans and programs - 2058, 2059, 2060, 2061,
 2062, 2467, 2496, 2499, 2501, 2502, 2503,
 2504, 2507, 2554, 2891, 2892, 2893, 2894,
 2895, 2896, 2898, 2932, 3111, 3298, 3299,
 3300

Shuttle - 1804, 1850, 1947, 2058, 2059, 2061,
 2063, 2064, 2065, 2066, 2067, 2068, 2069,
 2070, 2071, 2072, 2073, 2074, 2467, 2491,
 2493, 2504, 2505, 2506, 2507, 2508, 2509,
 2891, 2899, 2900, 2962, 3301, 3302

Skylab - 2058, 2064

Technology applications - 2932, 2933, 2934

Weather satellites - 2580, 2581, 2990

SPAIN

Education - 2902, 2904

Nuclear energy - 2076

Science policy - 2075, 2902, 2903

Scientific cooperation with U.S. - 1885, 2077,
 2903

STATE AND LOCAL SCIENCE ACTIVITIES
(see SCIENCE AND GOVERNMENT)

STEVENS INSTITUTE OF TECHNOLOGY - 1816

SURFACE MINING (see also LAND MANAGEMENT) - 2676

SWEDEN

- Science policy - 2909
- Organization of science - 2909
- Stockholm International Peace Research Institute (SIPRI) - 3307

SWITZERLAND

- Division of Science and Research - 2910
- Research and development - 2079
- Science policy - 2079, 2910, 3308, 3309

TAIWAN

- Economic relationship with Japan - 3310
- Marine resources - 2911
- Scientific cooperation with U.S. - 2911

TECHNICAL INFORMATION (see also INFORMATION MANAGEMENT)

- Bibliography - 2864
- Centers for - 2352, 2773, 2774, 3175
- Chemical literature - 1923, 1925
- Growth and control - 1923, 2348, 2349, 2350, 2353, 2609

TECHNOLOGICAL FORECASTING

- As a tool for industry - 2081, 2736, 2737, 2738
- For technology assessment - 2080, 2081, 2089, 2092, 2464, 2556, 2921, 3147, 3148, 3149
- In Common Market countries - 2738
- Methodology - 2081, 2305, 2306, 2307, 2308, 2735, 2736, 2737, 3148

TECHNOLOGICAL INNOVATION
Bibliography - 2860

- Effect on economy - 1795, 1799, 1801, 2080, 2194, 2871, 2913, 2918, 3031, 3158
- Effect on population - 1919, 2039, 2040, 2041, 2080, 2871, 2913
- Encouragement to industry - 2025, 2026, 2086, 2087, 2513, 2515, 2616, 2912, 2915, 2916, 2917, 2918
- Exchange between nations - 1953, 2092, 2617, 3031
- Experimental programs - 1770, 1771, 1772, 2041, 2044, 2088, 2432, 2915, 2916
- Federal support - 2033, 2044, 2084, 2085, 2086, 2513, 2912, 2914, 2915, 3174
- In developing countries - 1788
- Incentives - 1770, 1771, 1772, 1795, 1799, 2026, 2326, 2513, 2915, 3312, 3314
- In OECD countries - 2955, 3031
- Management - 3202
- Methodology - 2087, 2512, 2514, 2515, 2516, 2518, 2617, 2618, 2915, 2917, 2955
- Presidential prizes for innovation - 2326
- Promotion in Canada - 1775, 1777, 1778, 3311
- Role of the university - 2618, 2912, 2915
- Testing in Federal laboratories - 3312

TECHNOLOGY ASSESSMENT

- Benefit-risk decision making - 3150
- Climatic Impact Assessment Program - 2987, 3333
- In Japan - 1933, 2362
- In the legislative and executive branches - 2091, 2092, 2093, 2094, 2096, 2321, 2749, 2919, 2921, 2922
- In the public interest - 3150
- In state and local governments - 3320
- In transportation - 2113

International Society for Technology Assessment - 2097, 3319

Legal aspects - 3150

Methodology - 2090, 2519, 2762, 2920, 2921, 2922, 2964

Need - 2540, 2749, 2753, 2762, 2920, 2964, 3174, 3287, 3321

New Technology Opportunities Program (NTOP) - 1910

Office of Technology Assessment - 2091, 2092, 2093, 2094, 2095, 2096, 2098, 2520, 2521, 2919, 3160, 3315, 3316, 3317, 3318, 3319

Role of forecasting in - 3147

Seminar papers and discussions - 2089

TECHNOLOGY TRANSFER

Electronics - 3272

Federal programs - 2526, 2527, 2528, 2906, 2907, 2928, 2930, 2932, 2933, 2934, 3313

Financing - 2523

Government policy - 2522, 2928, 2931, 3322

In achieving social goals - 2100, 2111, 2525, 2529, 2932

Industry programs - 2929

Interaction with education - 2522

Massachusetts Technology Exchange - 2524

Space R&D - 3323, 3324

To counteract unemployment - 2525

To developing countries - 1953, 2101, 2156,

2187, 2192, 2522, 2613, 2614, 2616, 2923, 2924, 2925, 2926, 2927, 2985, 2986, 3019

To state and local governments - 2510, 2511, 2525, 2527, 2905, 2906, 2907, 3303, 3304

THAILAND - SCIENCE POLICY - 3325

THERMAL POLLUTION - 1825, 1837, 1864,

1865, 2015, 2451, 2647, 2676, 3059, 3249

TRANSPORTATION (see also AVIATION)

Bibliography - 2106, 2108, 2860, 2941, 3329

Europe - 3143

Fuel consumption - 2113, 3063

Highway planning - 2102, 2938, 2942, 2943, 2944

Marine - 2108, 2857

Mass transit - 2531, 2939, 2940, 2942, 3044, 3045, 3329, 3330, 3331

National policy - 1894, 2103, 2105, 2530,

2936, 2938, 2939, 2942, 2944, 2947, 3327

National Transportation Safety Board - 2089

Railroad - 2105, 2106, 2107, 2108, 2532, 2533,

2945, 2946, 2947, 3044, 3045, 3327, 3328

Research - 2110, 2715, 2937, 3326, 3329

Subsidies - 2112

Urban (see URBAN PROBLEMS)

TURKEY - RESEARCH AND DEVELOPMENT - 3201

UNCONVENTIONAL ENERGY SOURCES

Coal and oil gasification - 2418, 2640, 2653,

2656, 2657, 2676, 3053, 3056, 3070, 3092

Fuel cells - 3053, 3070

Fusion - 1838, 1853, 2219, 2237, 2241, 2249,

2258, 2640, 2671, 2678, 2688, 2689, 3050, 3051, 3053, 3060, 3070, 3073, 3083, 3092,

3102

Geothermal - 1847, 1848, 1849, 2241, 2259, 2640, 2641, 2657, 2678, 2685, 3050, 3053,

3070, 3282

Hydrogen - 2686, 3099, 3100, 3101

Liquid fuels from oil shale, tar sands, or coal -

2640, 2676, 3052, 3070, 3091, 3092

Magnetohydrodynamic - 2687, 3053, 3097

Ocean thermal gradient machines - 2262, 2405,

3282

Solar energy - 1850, 1851, 1852, 2215, 2219,
2237, 2259, 2260, 2261, 2640, 2641, 2657,
2674, 2676, 2678, 2681, 2682, 2683, 2684,
3050, 3051, 3053, 3070, 3092, 3095, 3096,
3244, 3282

Solid waste as a power source - 2977, 3098

Wind power machines - 2262, 3282

UNEMPLOYMENT (see MANPOWER, TECHNICAL AND SCIENTIFIC)

UNESCO (see UNITED NATIONS)

UNITED KINGDOM

Anglo-French Concorde - 2124, 2534, 2963

Biomedical R&D - 3178, 3353, 3354

Commercial policy - 3352

British Society for Social Responsibility in
Science - 2539

Defense and space R&D - 2540, 2962

Education - 1817, 2540, 3342, 3345, 3346

Energy resources - 2957

Government bodies - 2540, 2546, 3336, 3339

Manpower, technical and scientific - 2545, 3341

Medical Research Council - 2115

Metric system - 2388

National Environment Research Council - 3347,
3353

Nuclear energy - 2540, 2541, 2542, 2671, 2958,
2959, 3350

Pollution problems - 2126, 2430, 2961, 3348,
3349

Population policy - 2016

Research and development - 2115, 2116, 2117,
2118, 2119, 2120, 2121, 2122, 2123, 2125,
2368, 2543, 2545, 2948, 2950, 2951, 2956,
3335, 3336, 3337, 3340, 3343, 3344, 3345,
3351

R&D effects on economy - 2540

Science policy - 1908, 2169, 2481, 2544, 2545,
2792, 2948, 2949, 2950, 2951, 2952, 2953,
2954, 2962, 3335, 3336, 3337, 3338, 3339,
3343

Scientific cooperation with U.S.S.R. - 3355

Technological innovation - 2518, 2955, 3340

U. of Sussex medical center - 3178

U. of Sussex Science Policy Research Unit -
2029, 2462, 3179

UNITED NATIONS

Actions to improve effectiveness - 3182

Conference on the Environment, 1972 - 1876,
1877, 1878, 1879, 1880, 1881, 1885, 1902,
2274, 2280, 2281, 2282, 2283, 2704, 2705,
2706, 2707, 2708, 2709, 2710, 2711, 2712,
2713, 2714, 2715, 2716, 2717, 2718, 2719,
2984

Disaster relief force - 3182

Environmental activities - 3119

Population activities - 2454

United Nations Educational, Scientific and
Cultural Organization (UNESCO) -

World Population Congress, 1974 - 2705

URBAN PROBLEMS

Communications - 2181, 2182, 2548

Cooperation with Spain - 2077

Environmental aspects - 1885, 2127, 2273, 3185

Federal programs - 2529, 2934

Government reorganization - 2127, 2869

Growth - 2721

Housing - 1921, 2127, 2345, 2346, 2547, 2702,
2715, 2721, 2869, 2971

Population shifts - 2181, 2274

Public Technology, Inc. - 2529

Technological solutions - 2529, 2934, 3324

Transportation - 1885, 1979, 2103, 2104, 2106,
2107, 2108, 2127, 2418, 2419, 2530, 2531,
2547, 2715, 2844, 2940, 2941, 3044, 3329,
3330

Welfare - 2869

U.S. BUREAU OF MINES - 3363

U.S. GEOLOGICAL SURVEY - EARTHQUAKE

RESEARCH (see also DISASTER

RESEARCH) - 3027

U.S.S.R.

Commercial cooperation with the U.S. - 2625

Defense R&D - 2128, 2132, 2133, 3356

Education - 2128, 2967, 2968, 3356, 3357

Environmental problems - 1863, 2130, 2265,
2553, 3358

Industrial R&D - 2128, 2971

Information management - 2128, 2556, 2970,
3356

International scientific cooperation - 2966, 3356

Manpower, technical and scientific - 2556, 2964,
3357

Nuclear physics - 2549

Organization and planning for R&D - 2128,
2549, 2550, 2553, 2556, 2964, 2965, 2970,
3356

Pollution control - 2130, 2131, 2695, 2969

Power engineering - 2549

Resource management - 3358

Science policy - 2128, 2549, 2550, 2556, 2964,
2965, 3356

Scientific cooperation with Japan - 1932

Scientific cooperation with U.K. - 3355

Scientific cooperation with U.S. - 1902, 2054,
2157, 2265, 2309, 2355, 2495, 2496, 2502,
2551, 2695, 2775, 2776, 2777, 3028, 3110,
3187, 3295, 3356

Scientific research - 2129, 2549, 2552, 2553,
2555, 3356

Space activities - 2054, 2128, 2132, 2133, 2495,
2496, 2501, 2502, 2549, 2554, 2892, 3295,
3296

Waste management - 3366

WASTE MANAGEMENT

Bibliography - 1854, 2137, 2277

Costs - 1882, 2271, 3249

Federal assistance - 2134, 2976

Glossary - 2138, 2567, 3364

Legislation - 1885, 1983, 3249

National Center for Resource Recovery, Inc. -
3362

Ocean dumping - 3229, 3230

Plastics - 3367

Problems and status - 1865, 1885, 1888, 1983,
2015, 2271, 2277, 2857, 2974, 3053, 3249,
3282

Radioactive - 1835, 1837, 1998, 2000, 2136,
2440, 2441, 2442, 2443, 2557, 2658, 2670,
2729, 2981, 3053, 3055, 3059, 3071, 3076,
3092, 3368, 3369

Recycling - 2135, 2137, 2562, 2564, 2565,
2566, 2568, 2569, 2947, 2972, 3249, 3282,
3360, 3361, 3362, 3366

Solid waste disposal - 2558, 2559, 2560, 2561,
2562, 2563, 2564, 2565, 2566, 2567, 2568,
2843, 2858, 2973, 2975, 2976, 2977, 2978,
2979, 2980, 2981, 3249, 3359, 3360, 3361,
3362, 3363, 3364, 3365

State and local activities - 1885, 2979, 3249

- Technology - 1865, 1885, 2271, 2547, 2857, 3053, 3249
- Urban problems - 1885, 2137, 2277, 3249, 3360, 3362
- Waste heat - 3054, 3055, 3373
- WATER POLLUTION**
 - Bibliography - 1854, 2002, 2275, 2277, 2445, 2850
 - Control industry - 3254, 3255
 - Control legislation and enforcement - 1827, 1885, 1892, 1893, 1896, 2001, 2002, 2004, 2433, 2446, 2726, 2746, 2845, 2858, 3123, 3125, 3126, 3249, 3253
 - Cooperation with Spain - 2077
 - Costs - 1819, 1885, 3249
 - Industrial controls - 1991, 2746, 2847, 3249
 - International activities - 1967, 3185
 - Problems and status - 1819, 1876, 1822, 1865, 1885, 1967, 1973, 1997, 2002, 2003, 2004, 2005, 2015, 2126, 2130, 2271, 2275, 2277, 2293, 2433, 2445, 2447, 2448, 2451, 2648, 2676, 2746, 2843, 2845, 2848, 2849, 2857, 2858, 3053, 3107, 3185, 3249
 - Public concern - 2846
 - R&D programs - 3120
 - Rhine River - 3142
 - State and local activities - 1885, 2001, 2002, 2271, 2746, 3249
 - Economic incentives for control - 2746, 3249
 - Treatment equipment and techniques - 1865, 1971, 1973, 2002, 2005, 2271, 2433, 2445, 2857, 3249, 3254
- Urban problems - 1885, 2277, 2445, 2746, 2857, 3249
- WATER RESOURCES** (see ENVIRONMENT)
- WATER RESOURCES COUNCIL**
 - Activities - 2140
 - Agencies represented - 2140
 - Description - 2140
- WEATHER** (see ATMOSPHERIC SCIENCES)
- WEST GERMANY**
 - Advisory structure for education and science - 1908, 2144, 2571
 - Budget for education and science - 2145
 - Computer science - 2145
 - Education - 2145, 2574, 2982
 - Expenditures for R&D - 3370, 3371
 - Libraries - 3372
 - Manpower, technical and scientific - 2570
 - Nuclear energy - 2145, 2442, 2571, 3373
 - Research and development - 1799, 2018, 2142, 2143, 2368, 2570, 2573, 2982
 - Science policy - 2792, 2982
 - Scientific cooperation with the U.S. - 2442
 - Space activities - 2145, 2571, 2572
 - Surface mining and reclamation - 1934
 - Water pollution control - 2445
- WHO** (see WORLD HEALTH ORGANIZATION)
- WORLD HEALTH ORGANIZATION - POPULATION ACTIVITIES** - 2454
- WORLD METEOROLOGICAL ORGANIZATION - POLLUTION MONITORING** - 2268

Previous volumes of Science Policy Reviews and its predecessor Science Policy Bulletin are available as microfiche from Columbus Microfilm, Inc., 3167 Cleveland Ave., Columbus, Ohio 43224, and in microfilm and enlarged reproductions from University Microfilms, Ann Arbor, Michigan 48106.

